

Fig.1

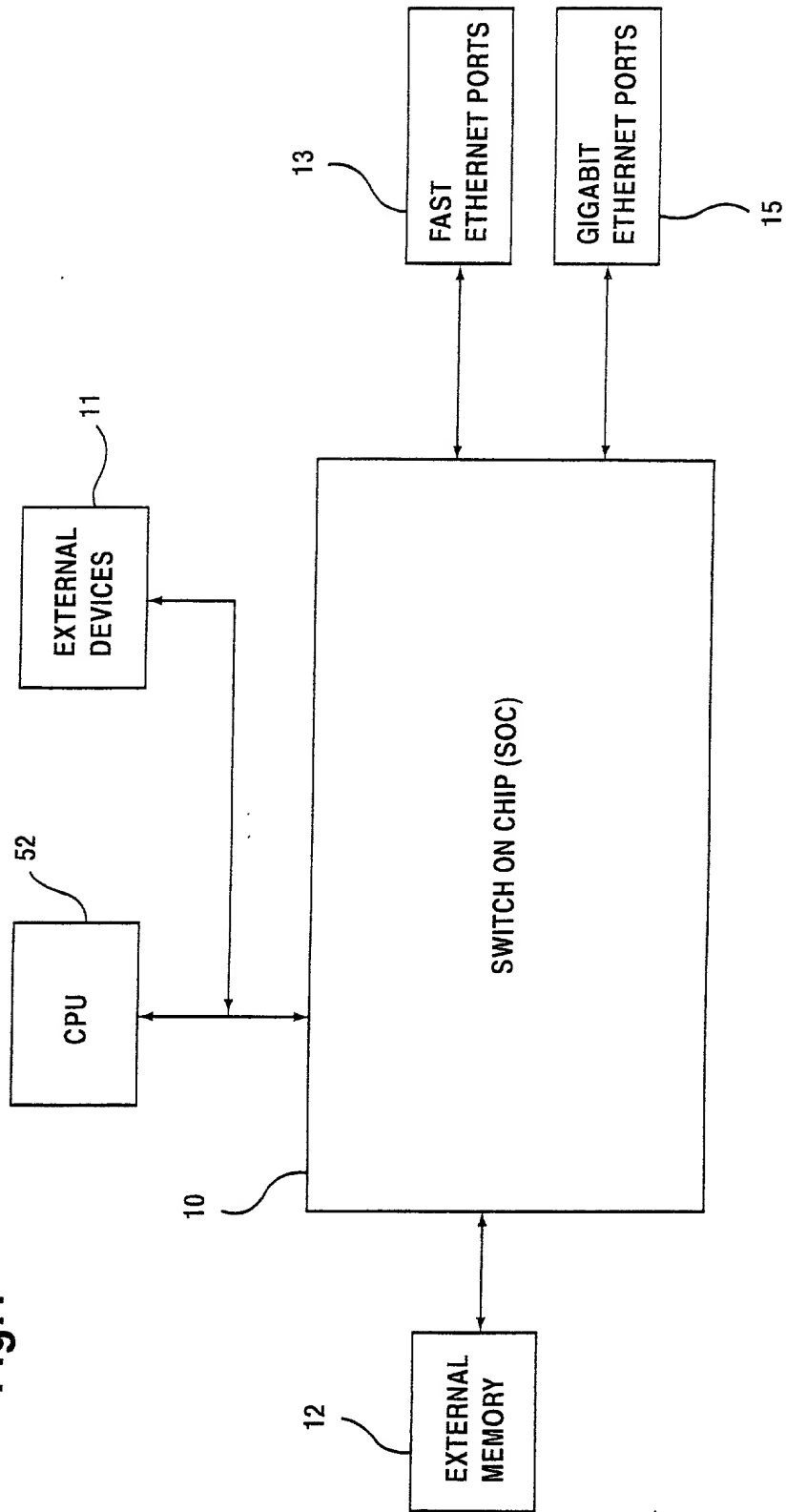


Fig.2

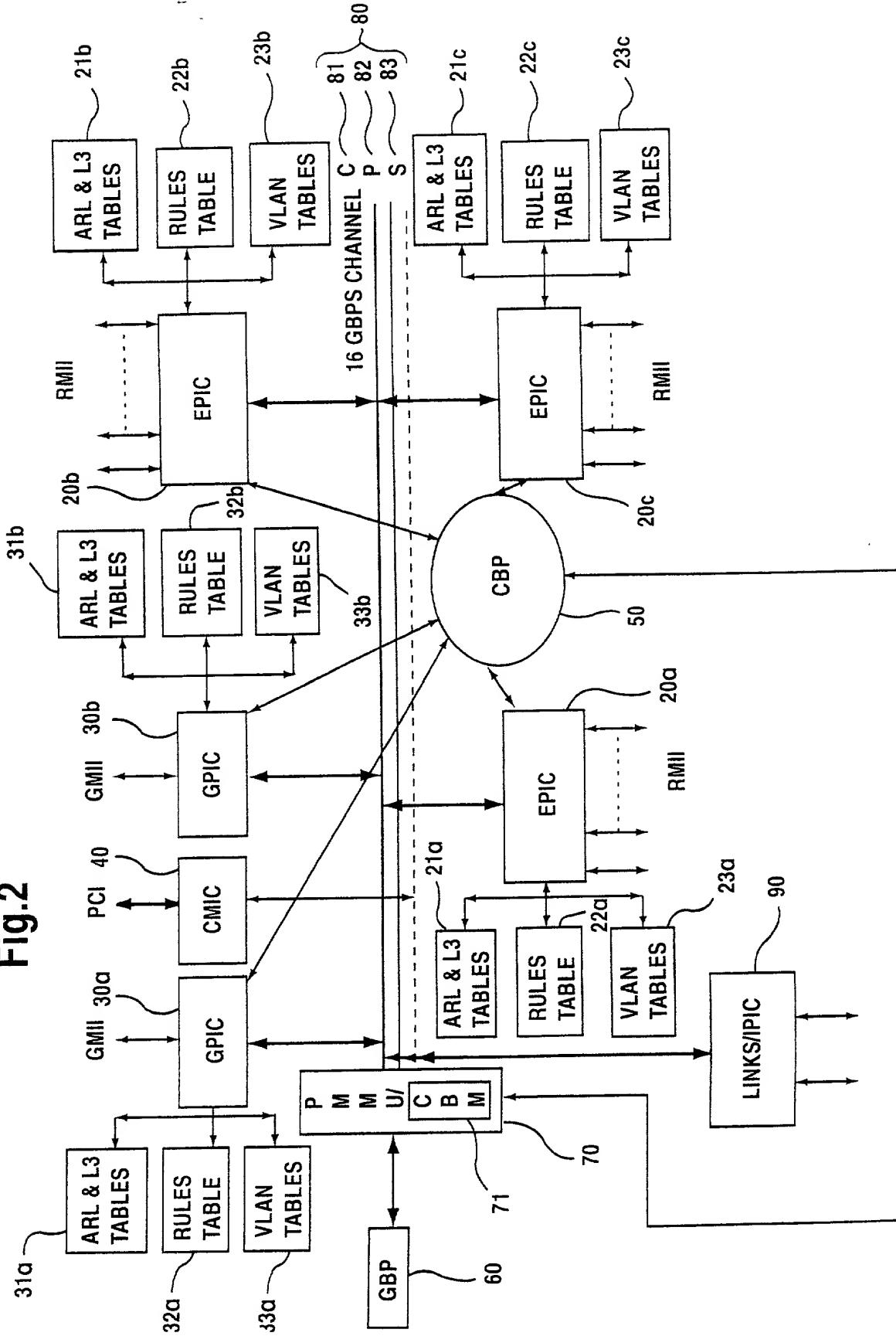
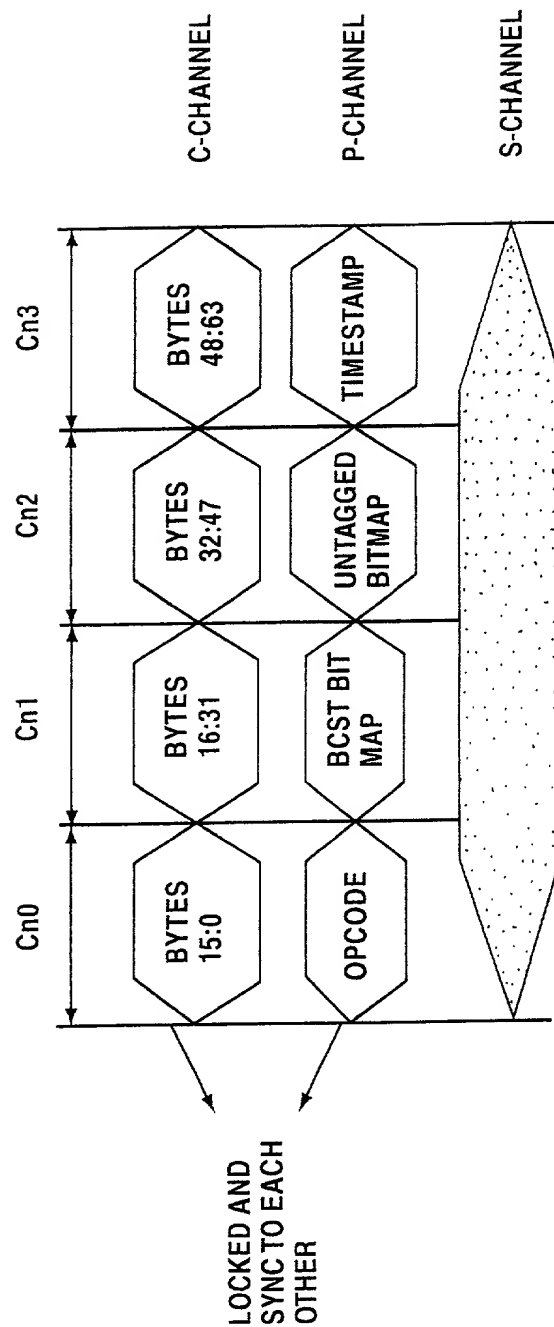


Fig.3



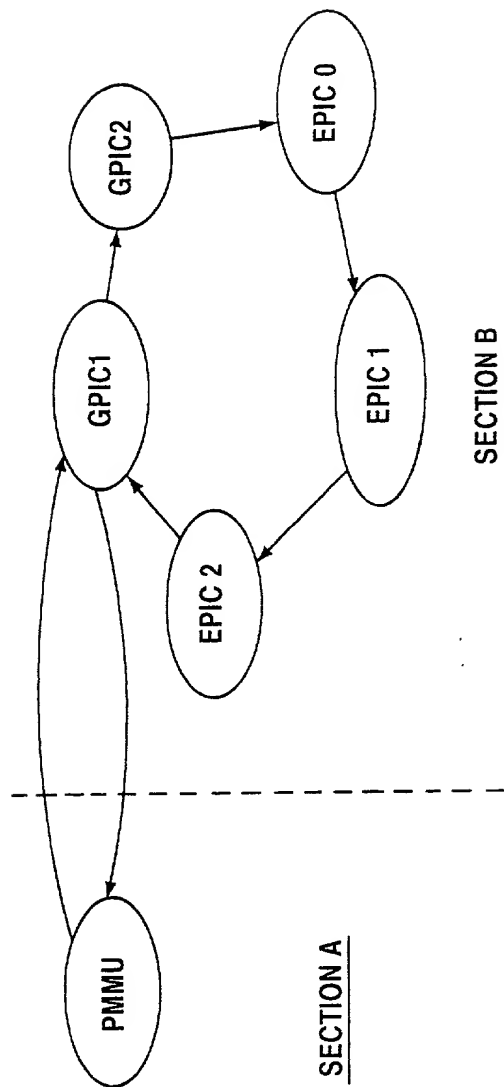


Fig. 4a

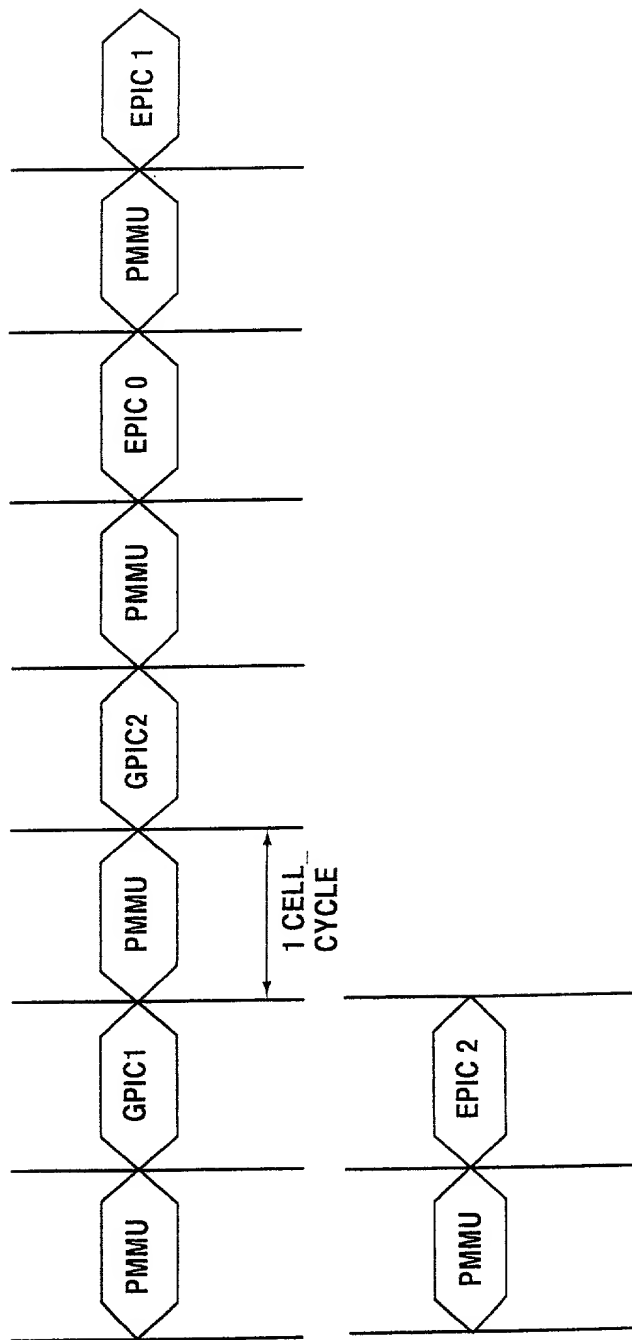


Fig. 4b

Fig.7
PRIOR ART

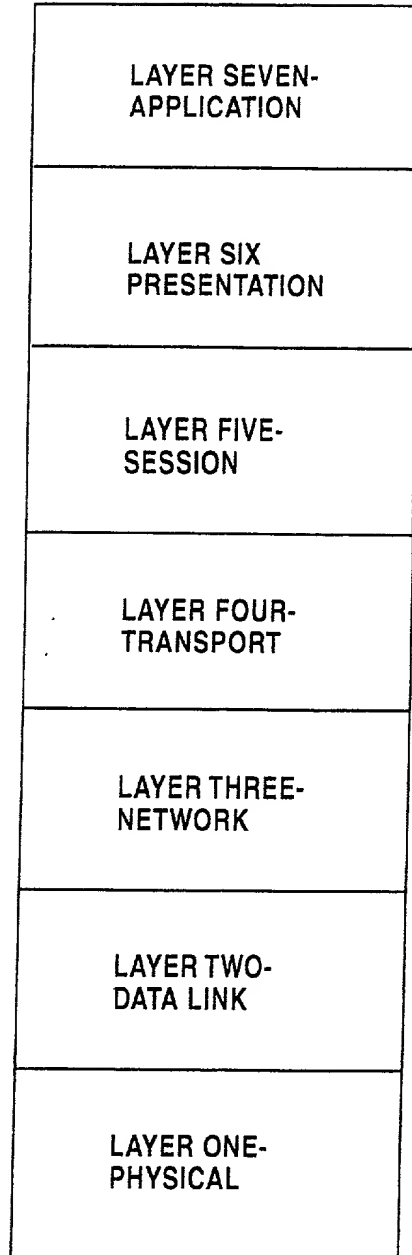


Fig.8

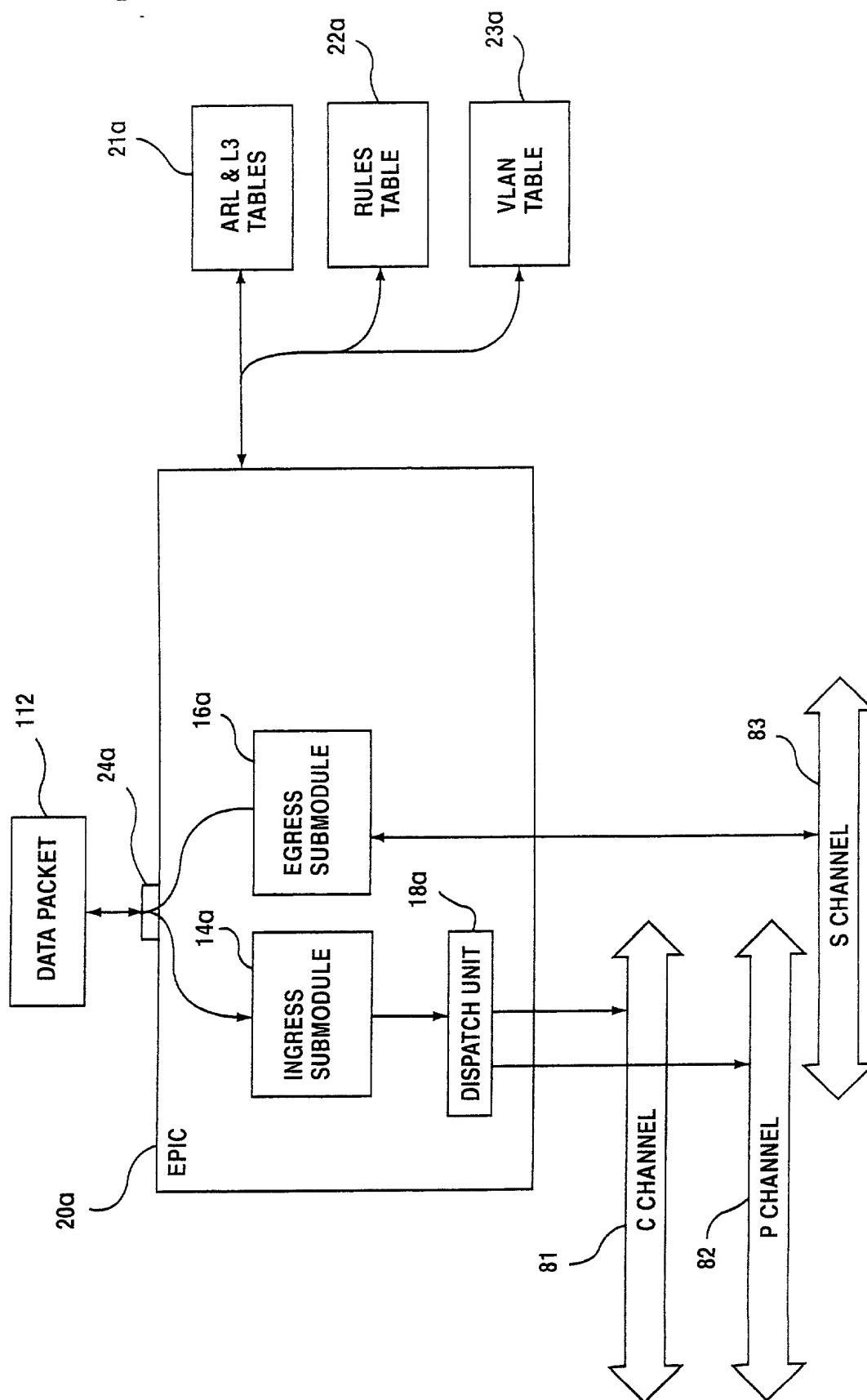


Fig.9

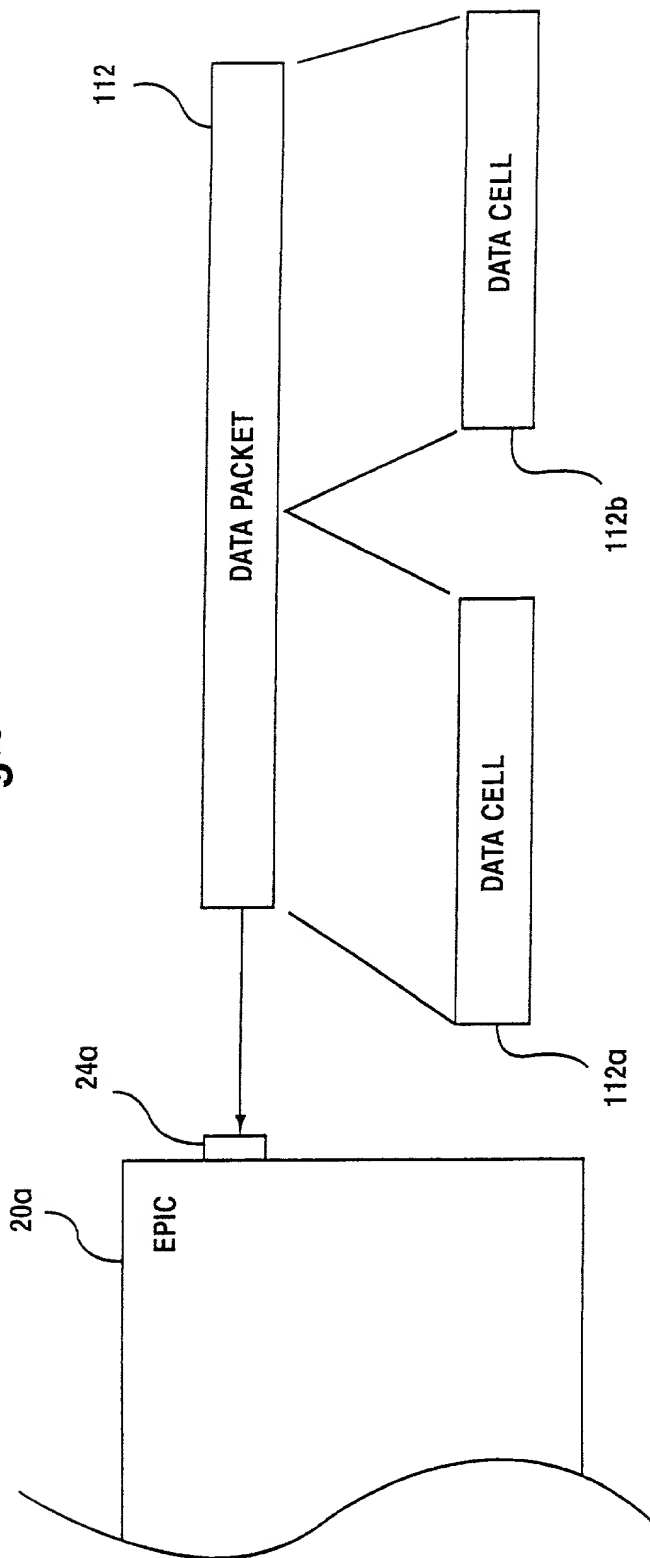


Fig.10

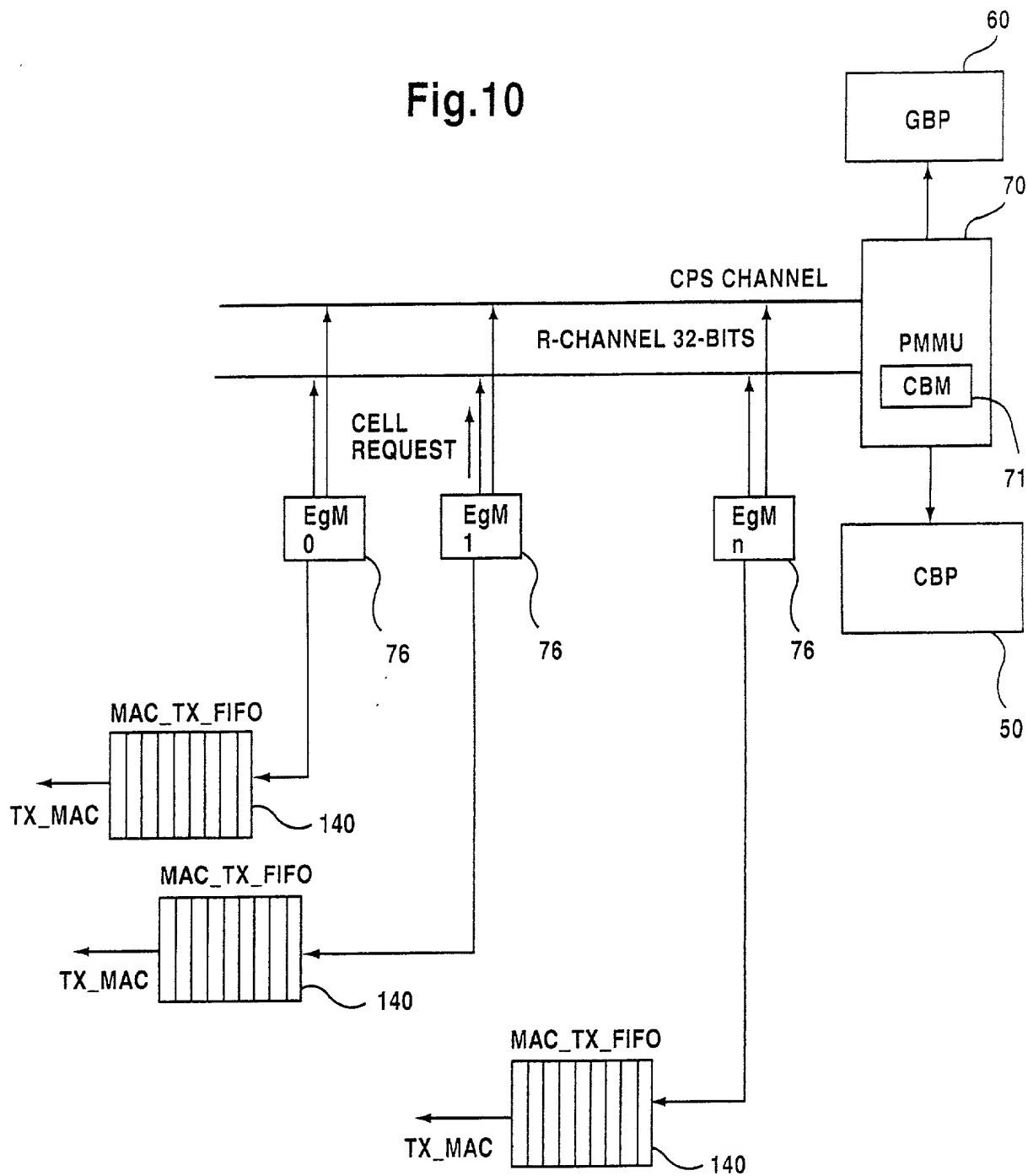


Fig.11

LINE 0 →	FC LC BC/MC CPY_CNT(5b) CELL_LENGTH(7b) CRC(2b) NC_HEADER(16b) SRC_COUNT(6) IPX IP TIME_STAMP(14b) O_BITS(2b) PI NEXT_CELL_LEN(2b) CPU_OPCODE(4b) CELL_DATA(0-9B)
LINE 1 →	CELL_DATA(10-27) BYTES
LINE 2 →	CELL_DATA(28-45) BYTES
LINE 3 →	CELL_DATA(46-63) BYTES

Fig.12

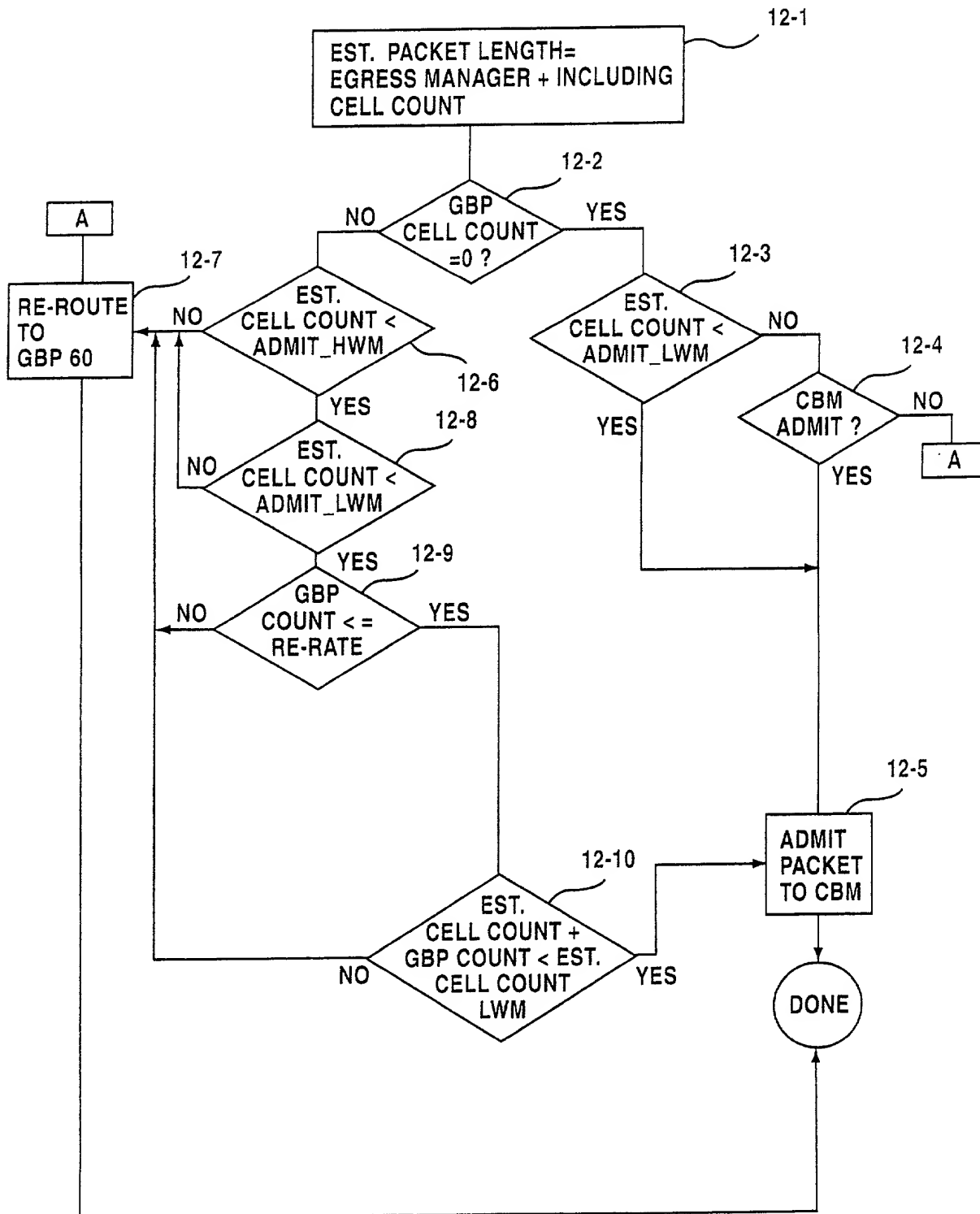


FIG. 12

Fig.14

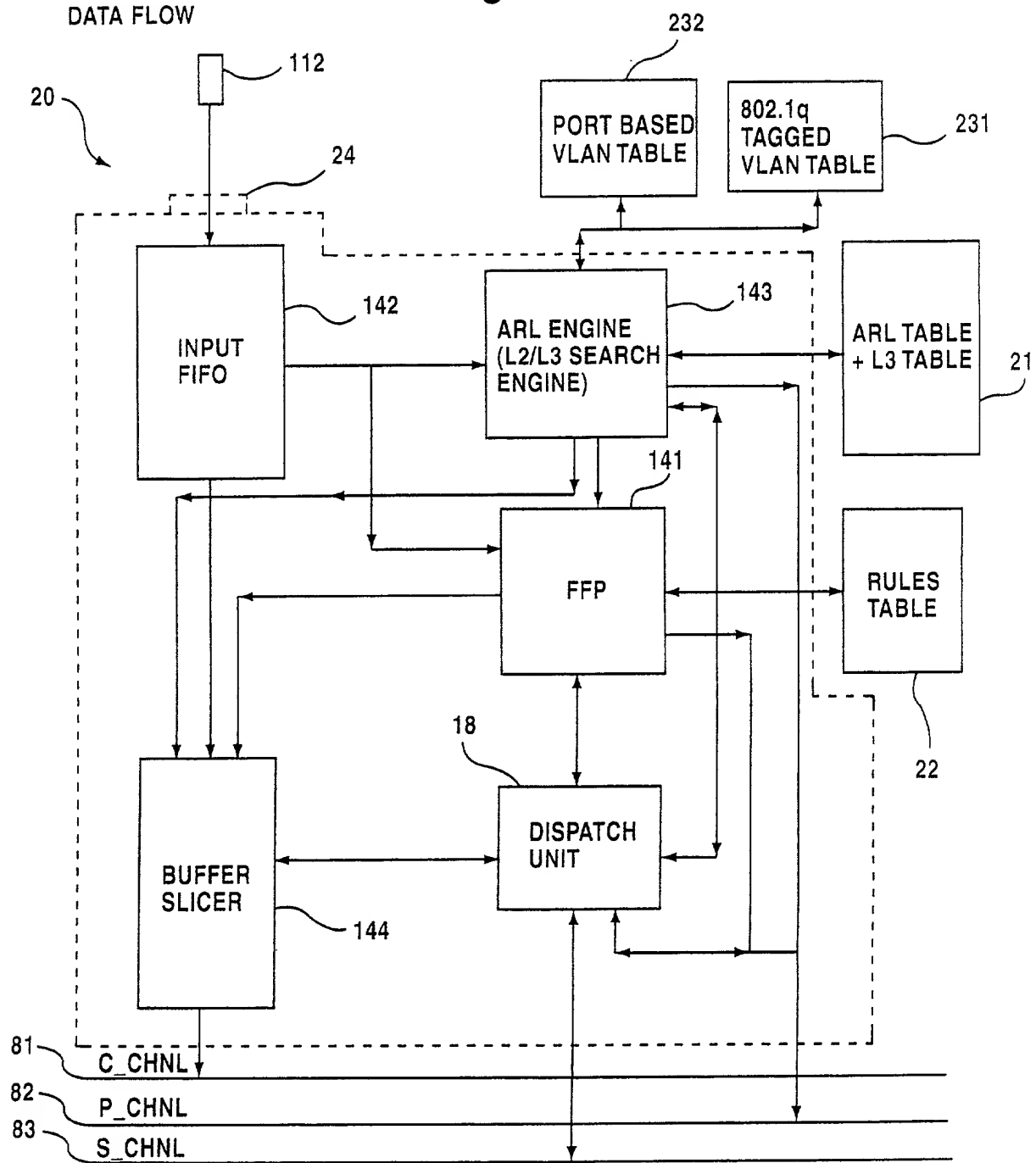


Fig.15

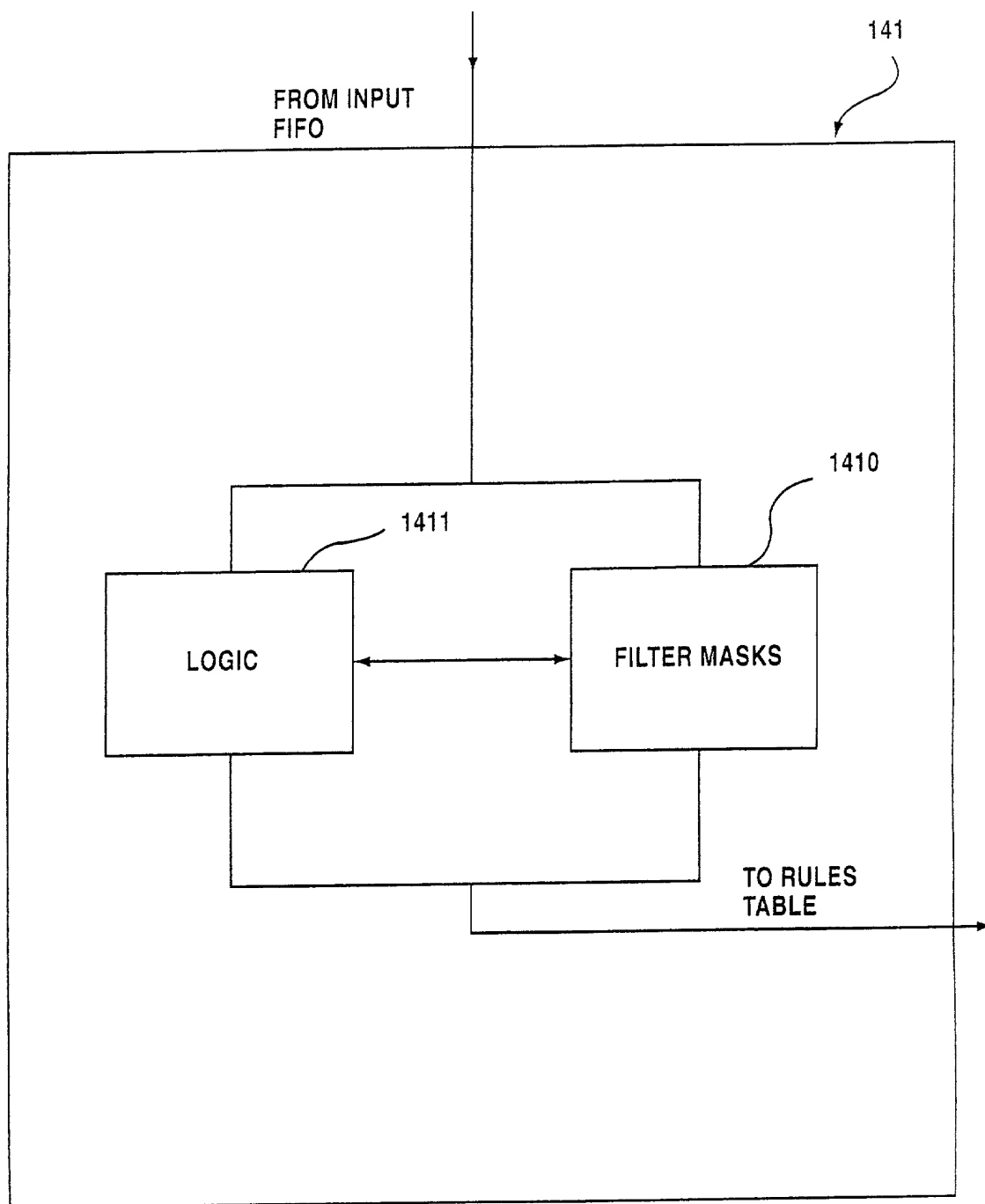


Fig.16

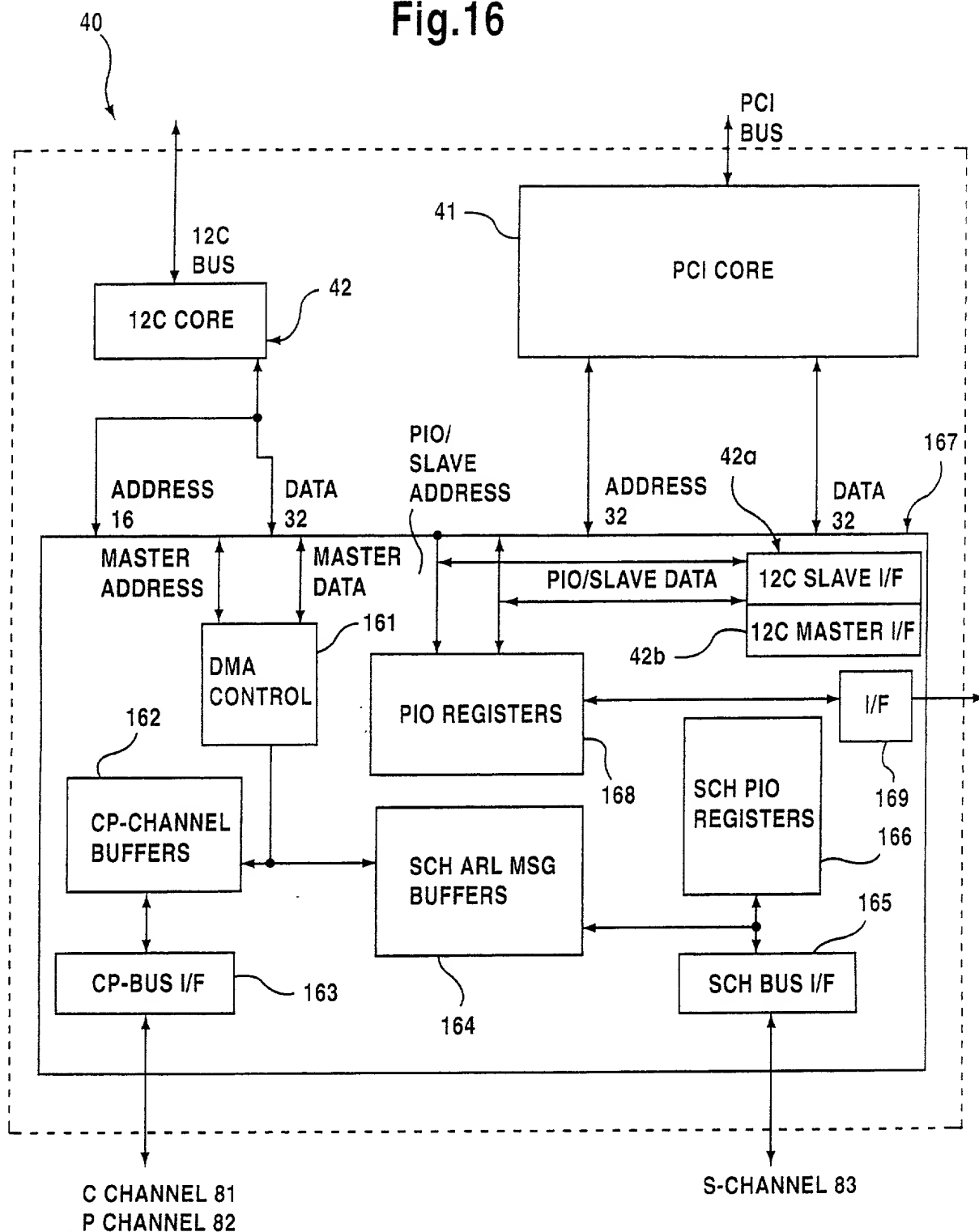


Fig.17

FFP PROGRAMMING FLOW CHART

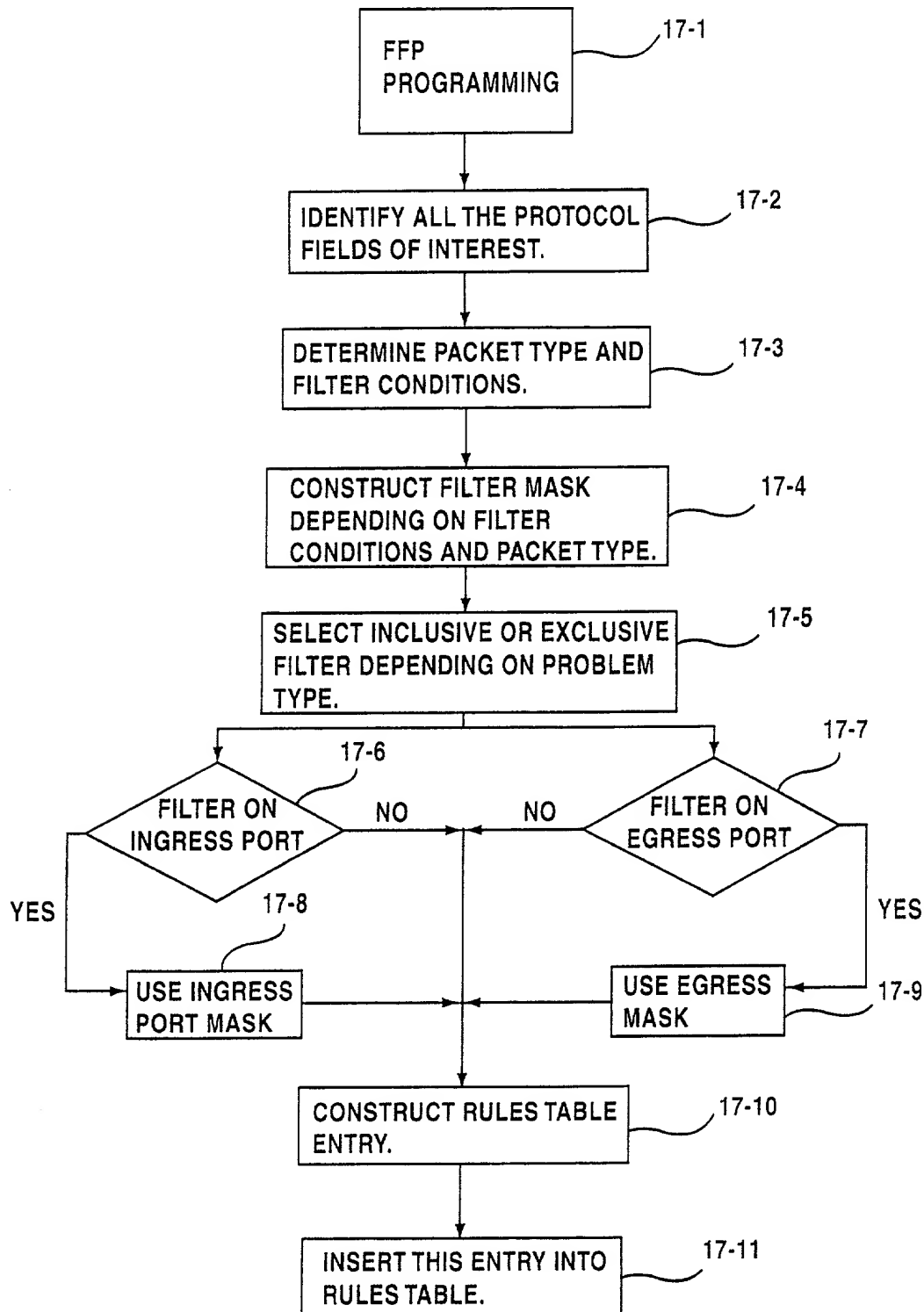


Fig.18

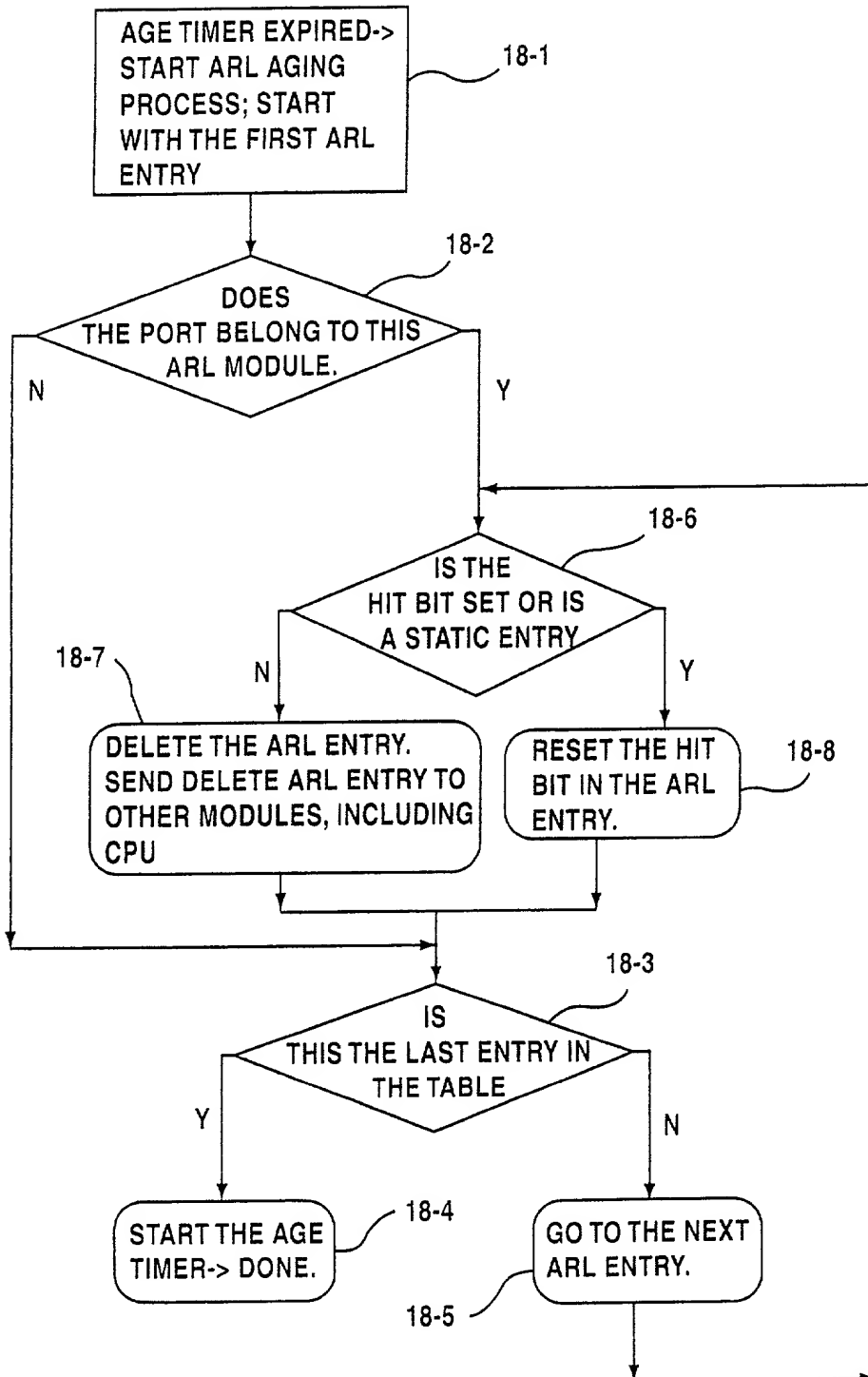


Fig.19

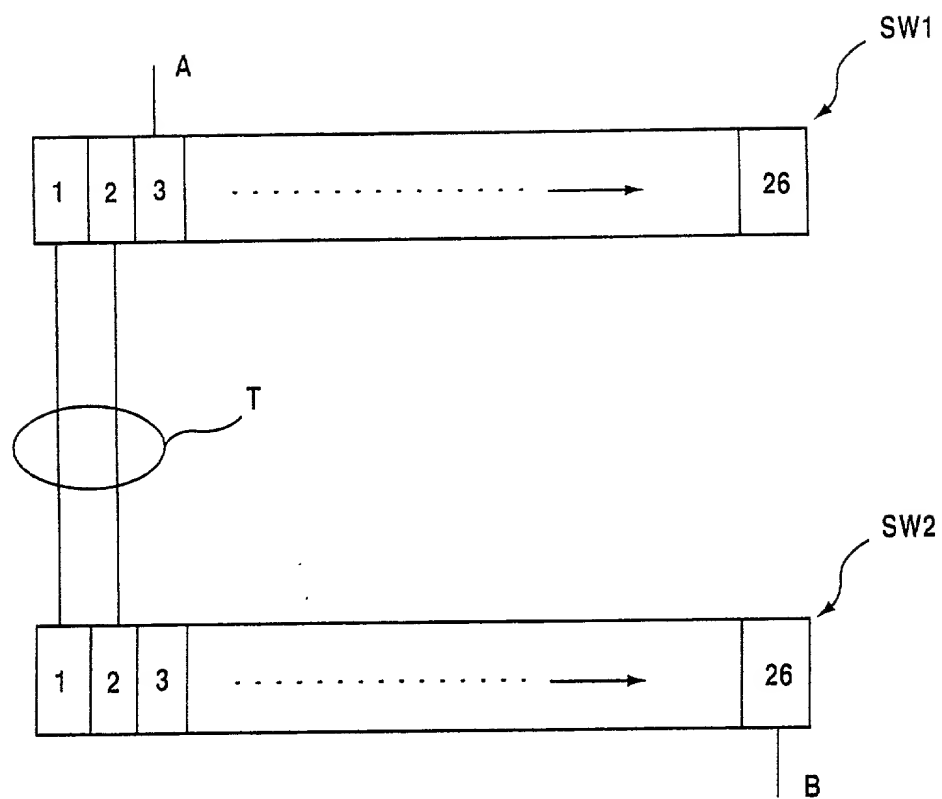


Fig.20

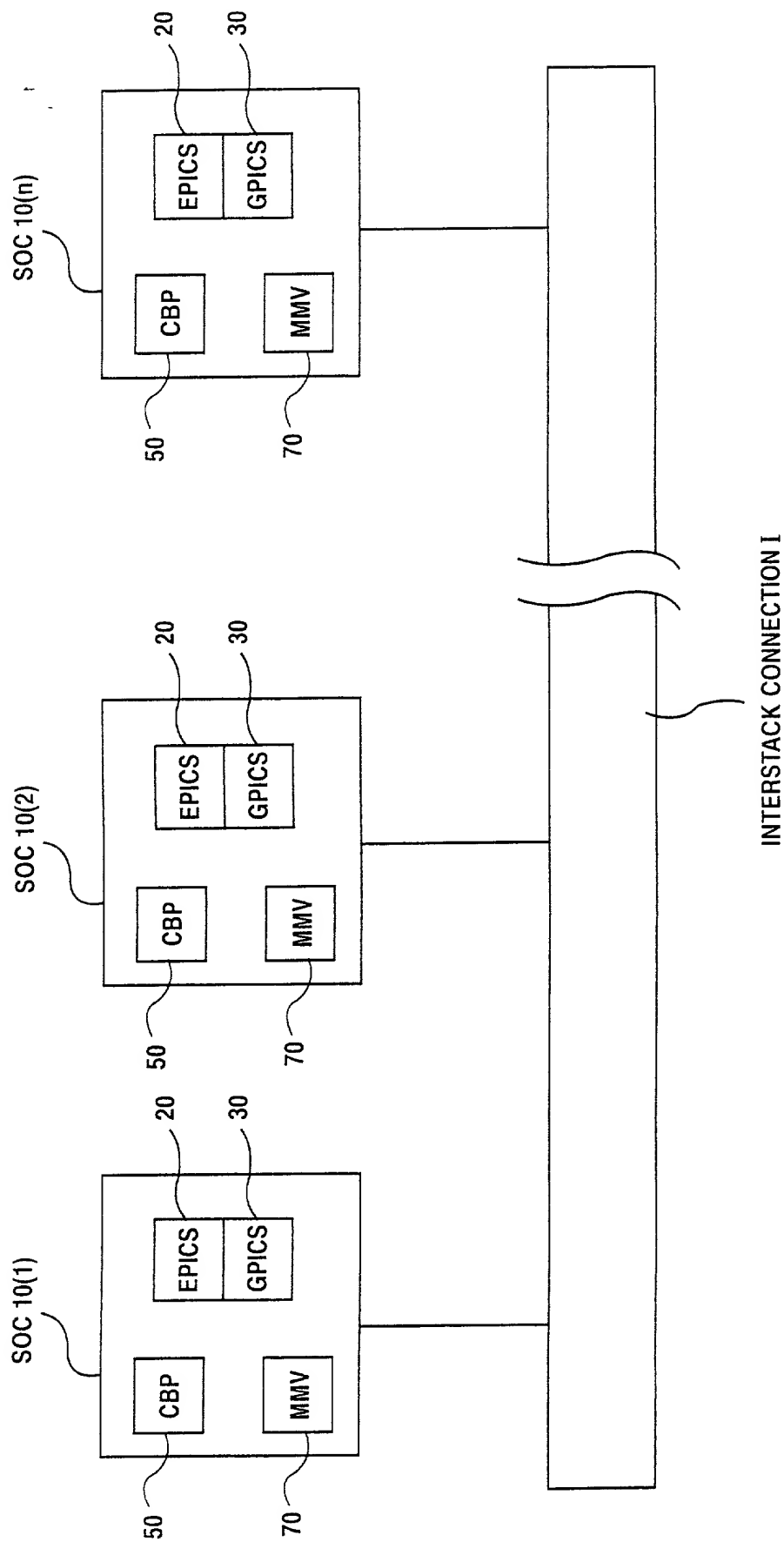


Fig.21

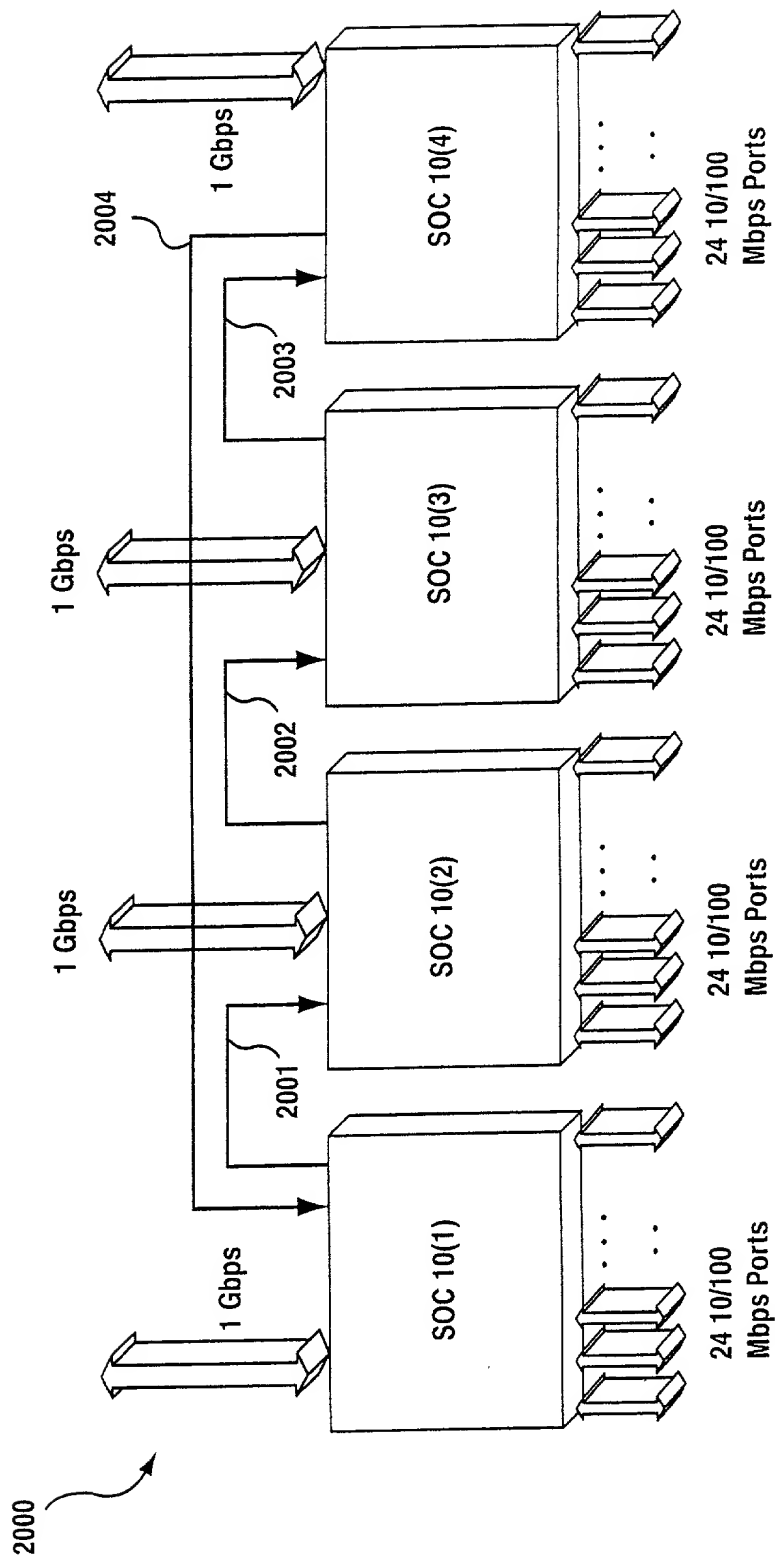


Fig.22

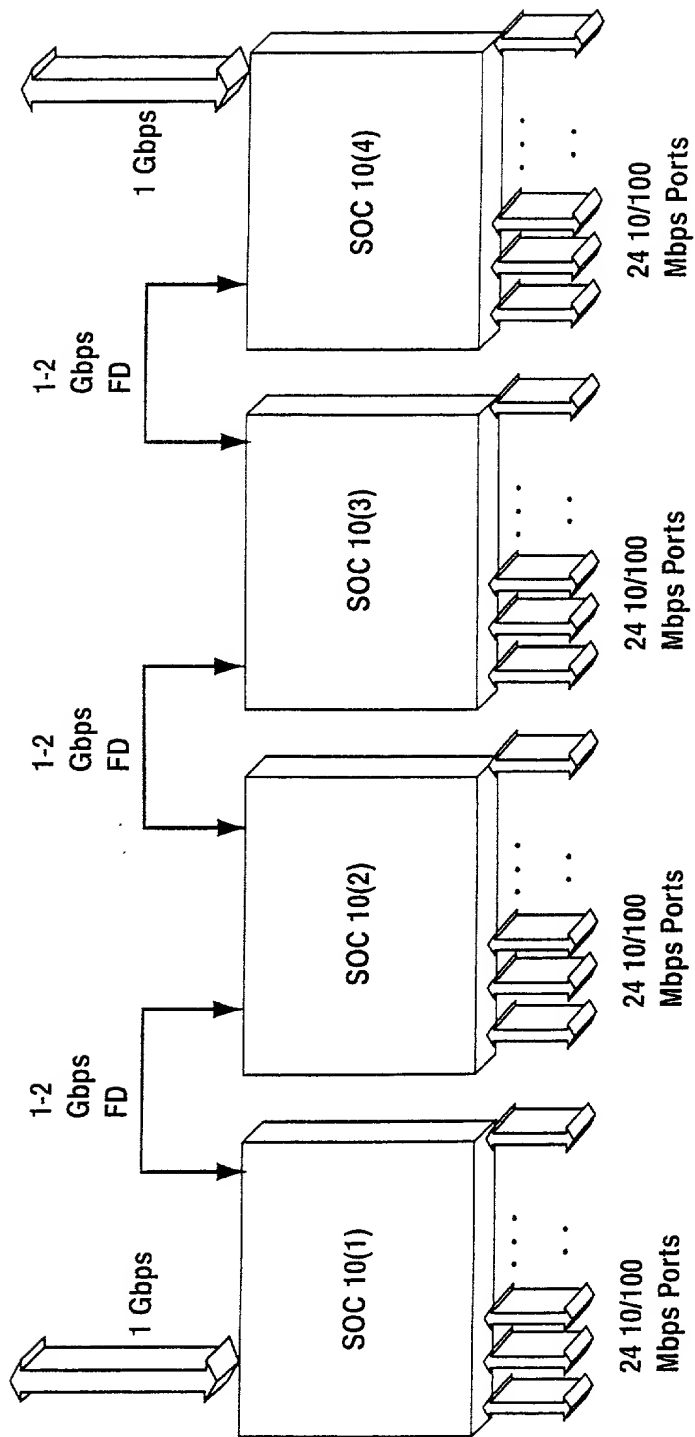


Fig.23

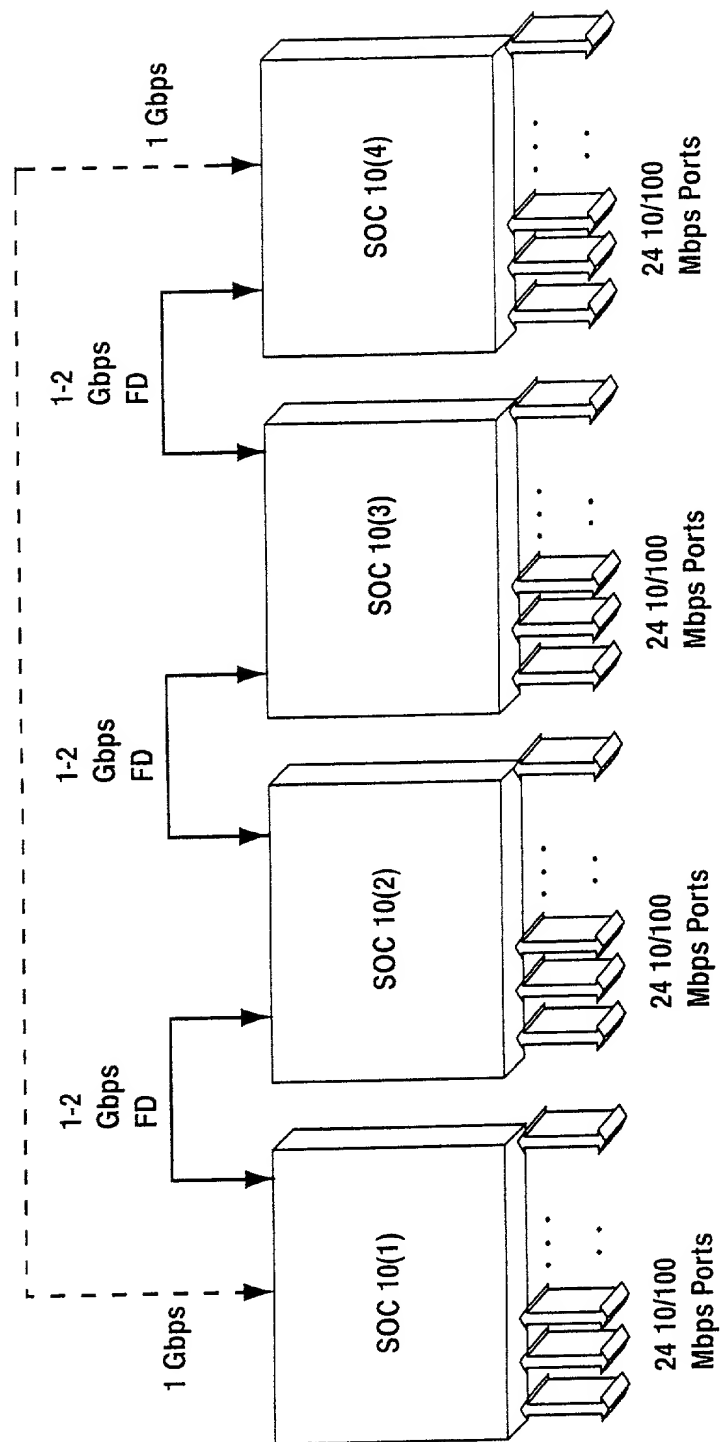


FIG. 24B 3824650

Fig.24A

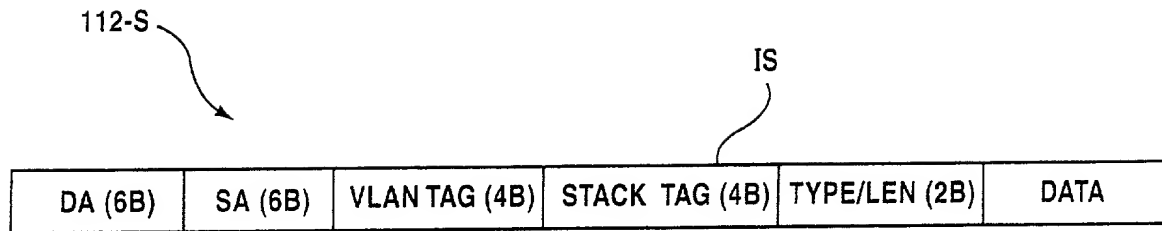


Fig.24B

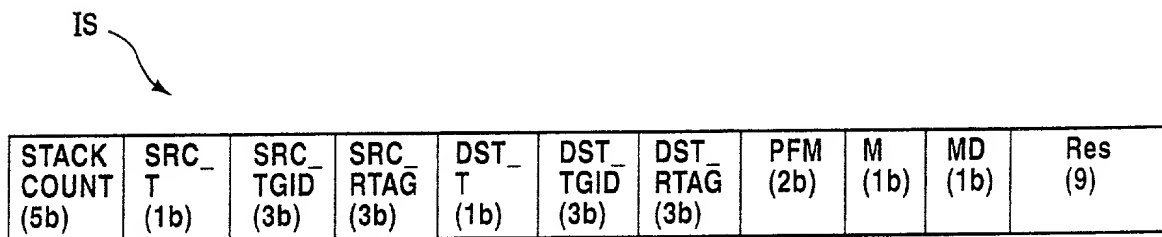


Fig.25

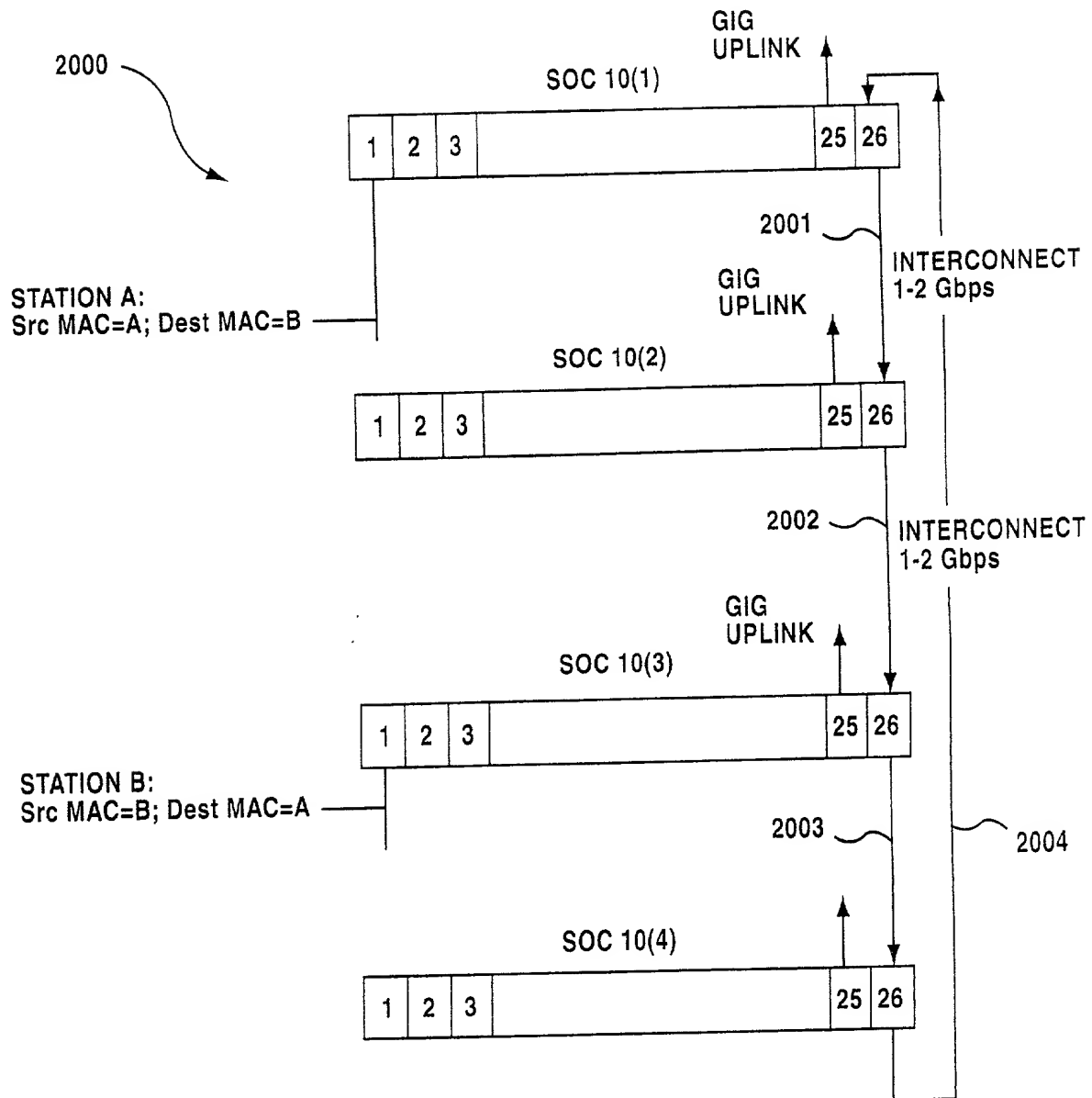


Fig.26

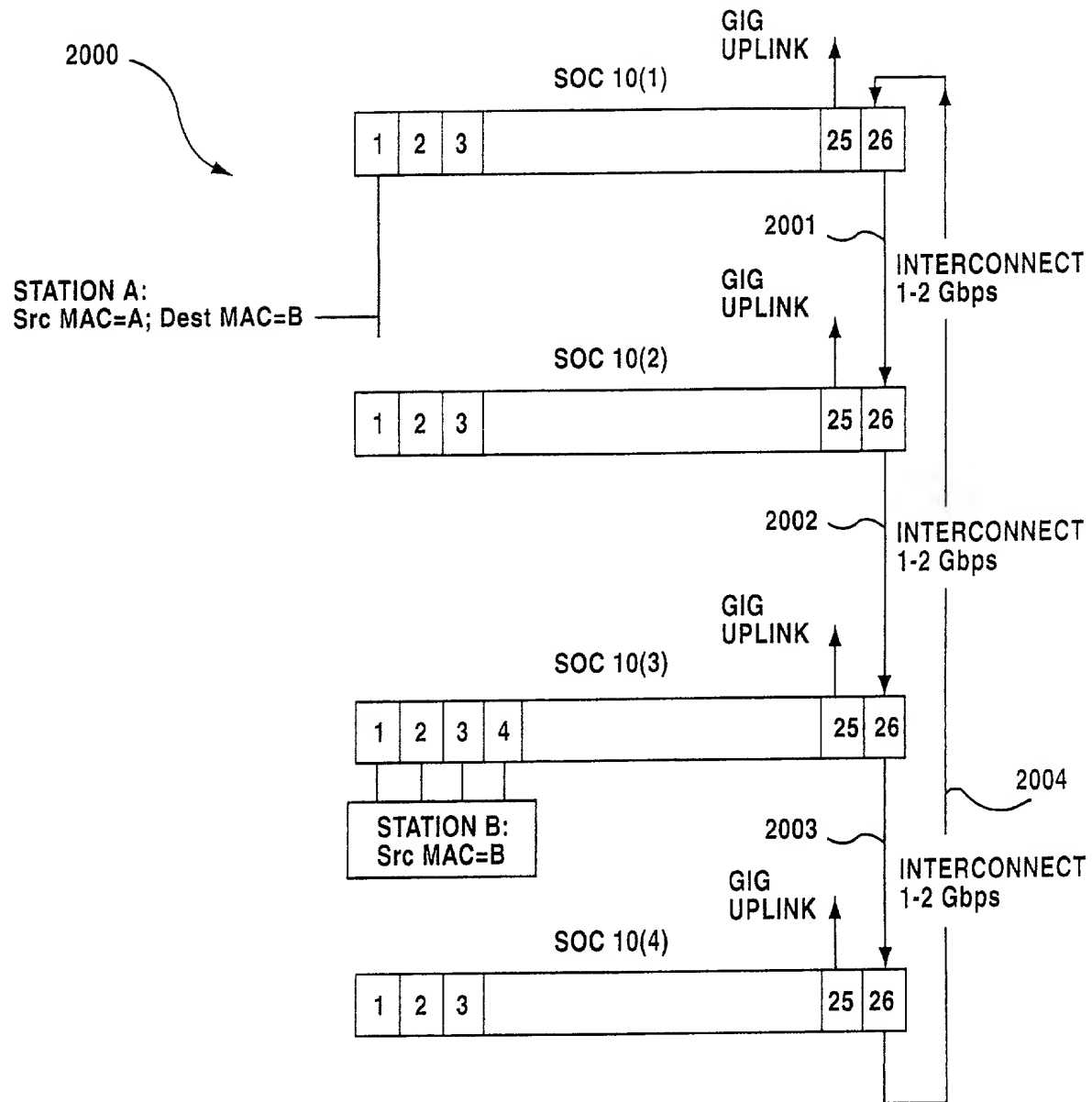


Fig.27A

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
26	B	1	1	2	2

Fig.27B

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

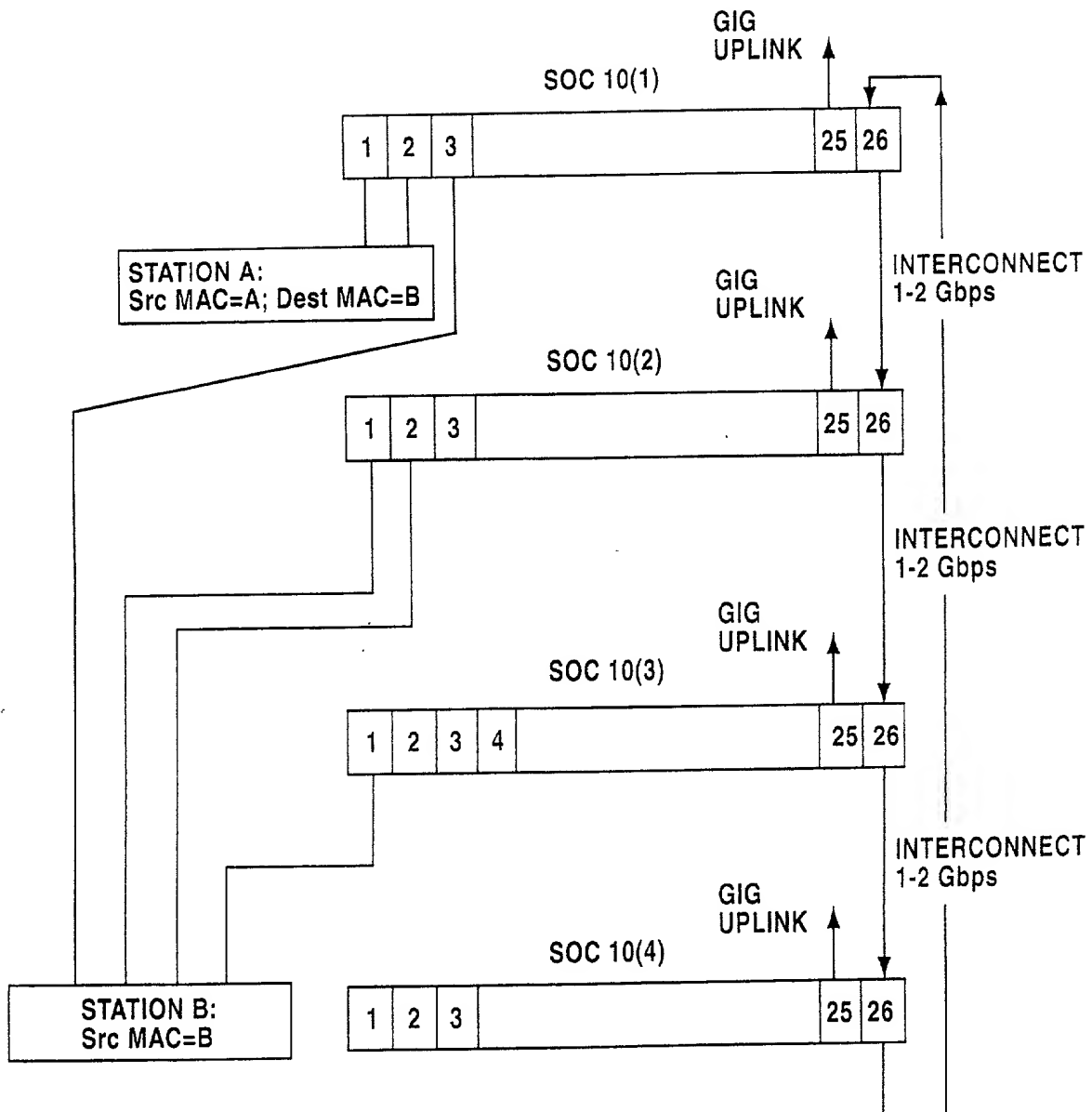
Fig.27C

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

Fig.27D

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

Fig.28



TOP SECRET

Fig.29

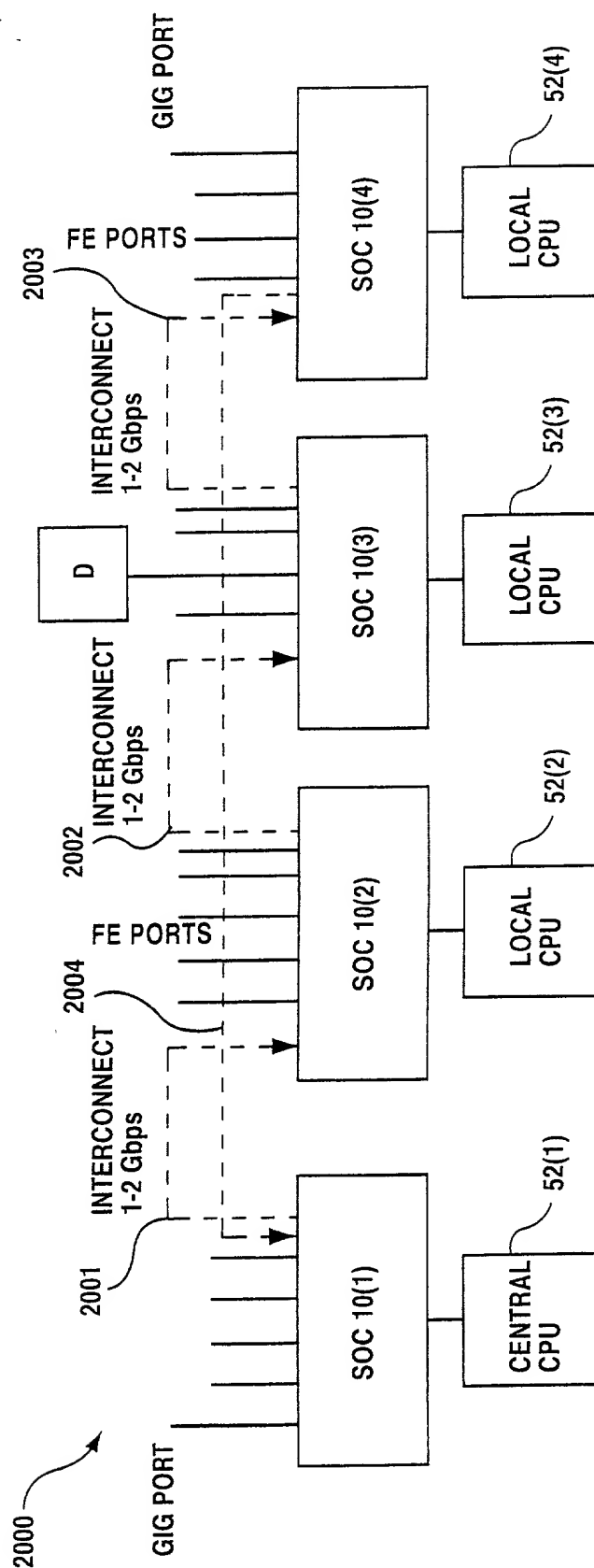
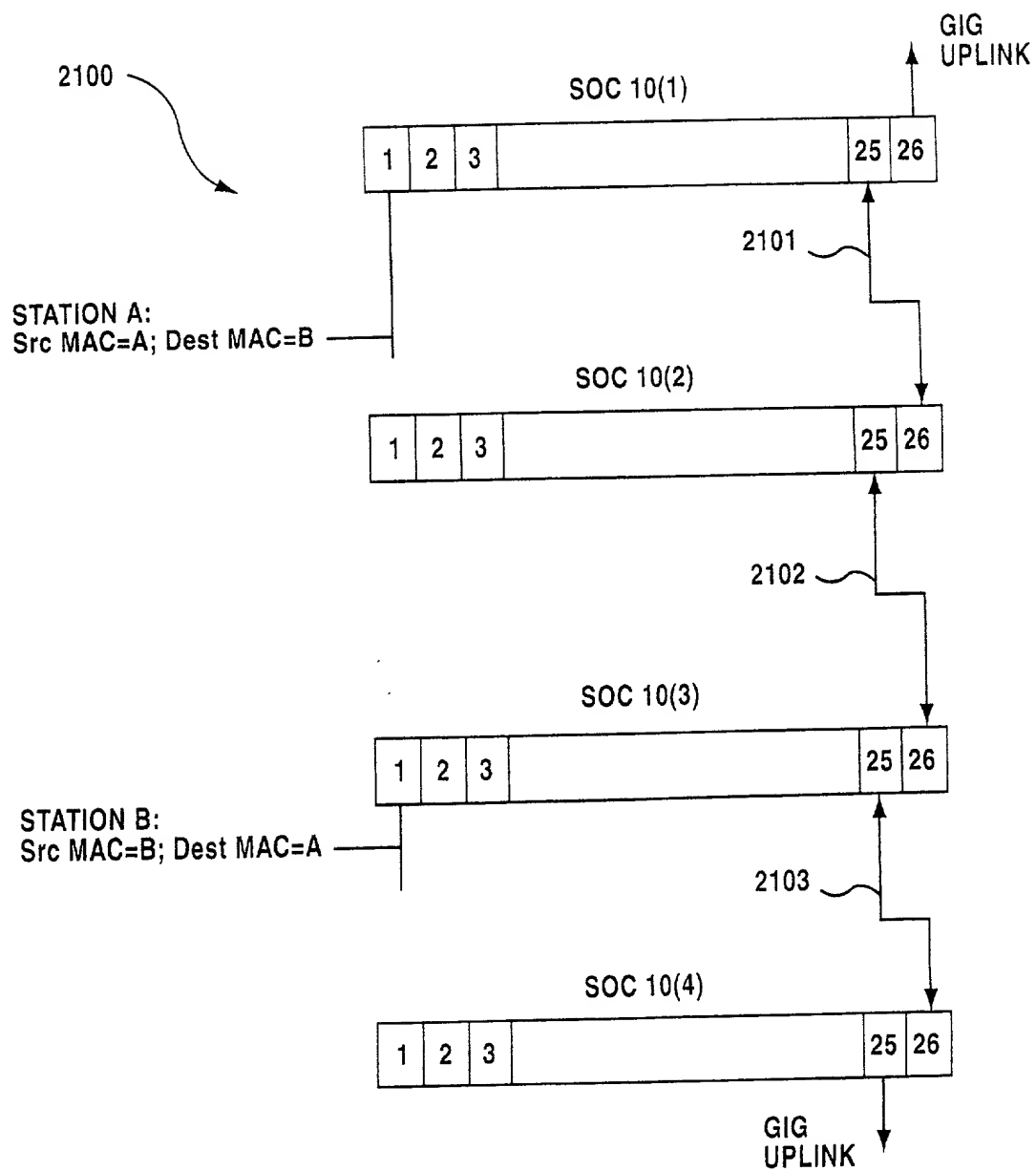


Fig.30



TOP SECRET

Fig.31

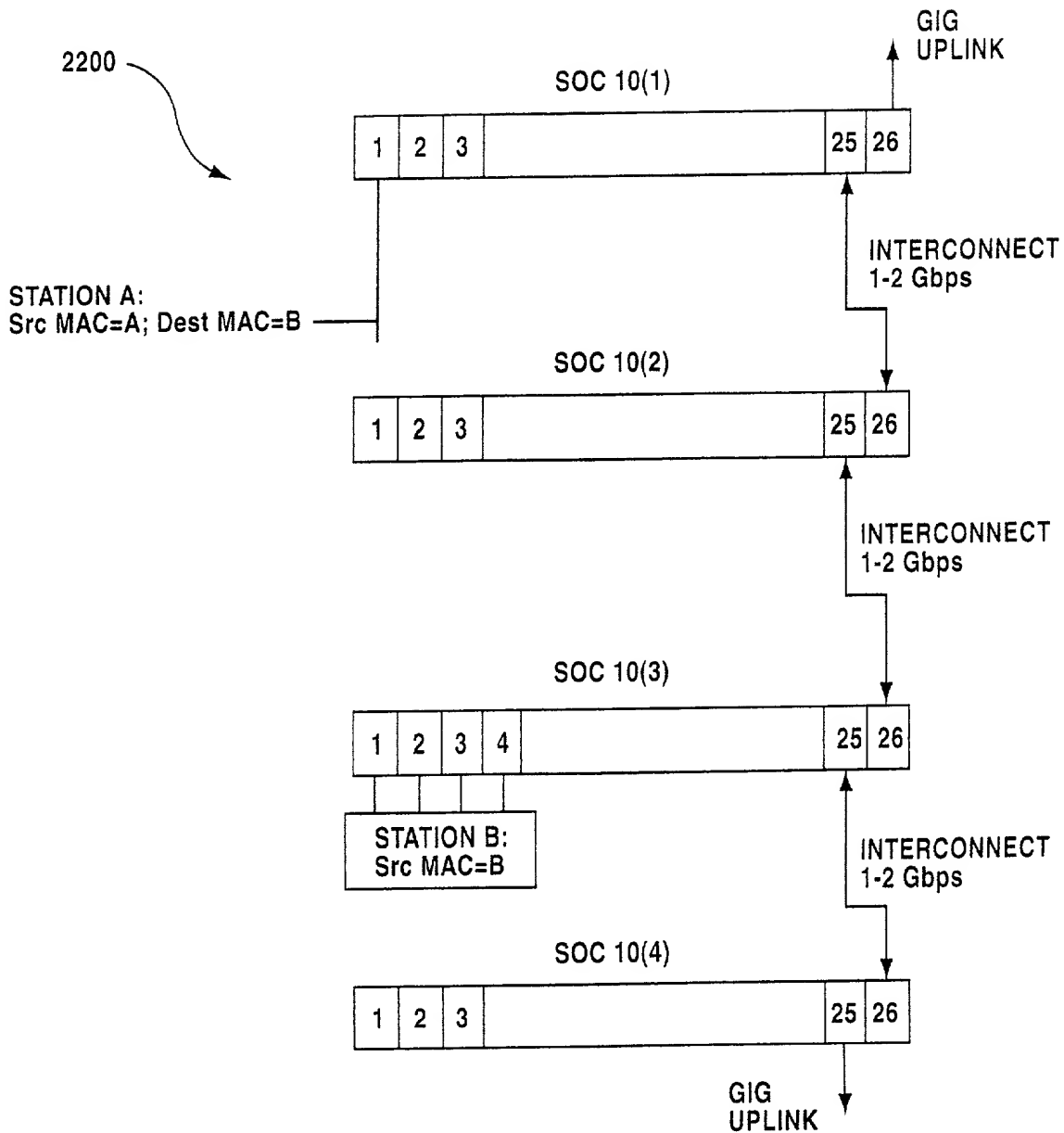


Fig.32A

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
25	B	1	1	2	2

Fig.32B

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
25	B	1	1	2	2

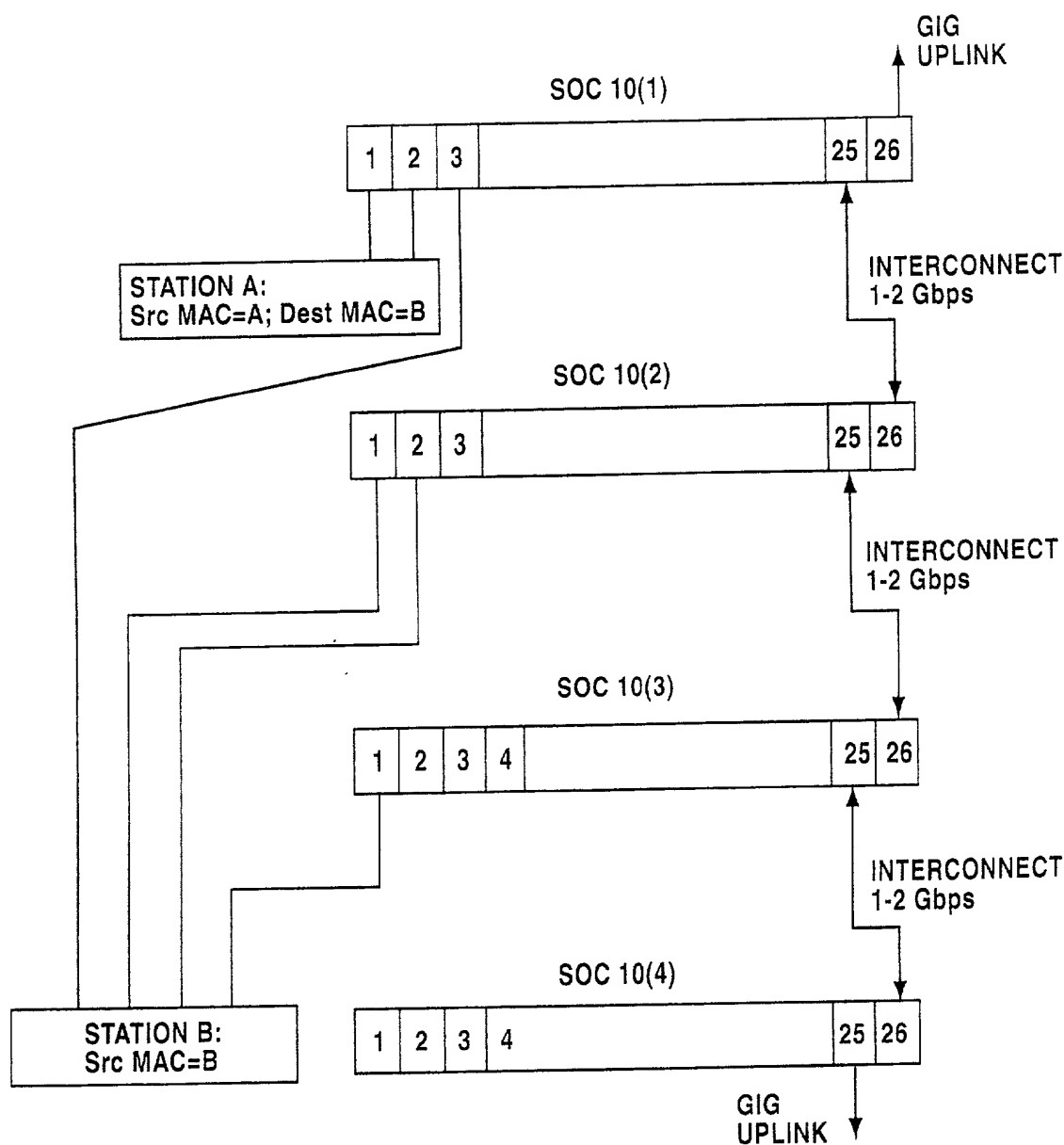
Fig.32C

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

Fig.32D

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X

Fig.33



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Fig.34A

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	1	1	1
25	B	1	1	2	2

Fig.34B

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
25	B	1	1	2	2

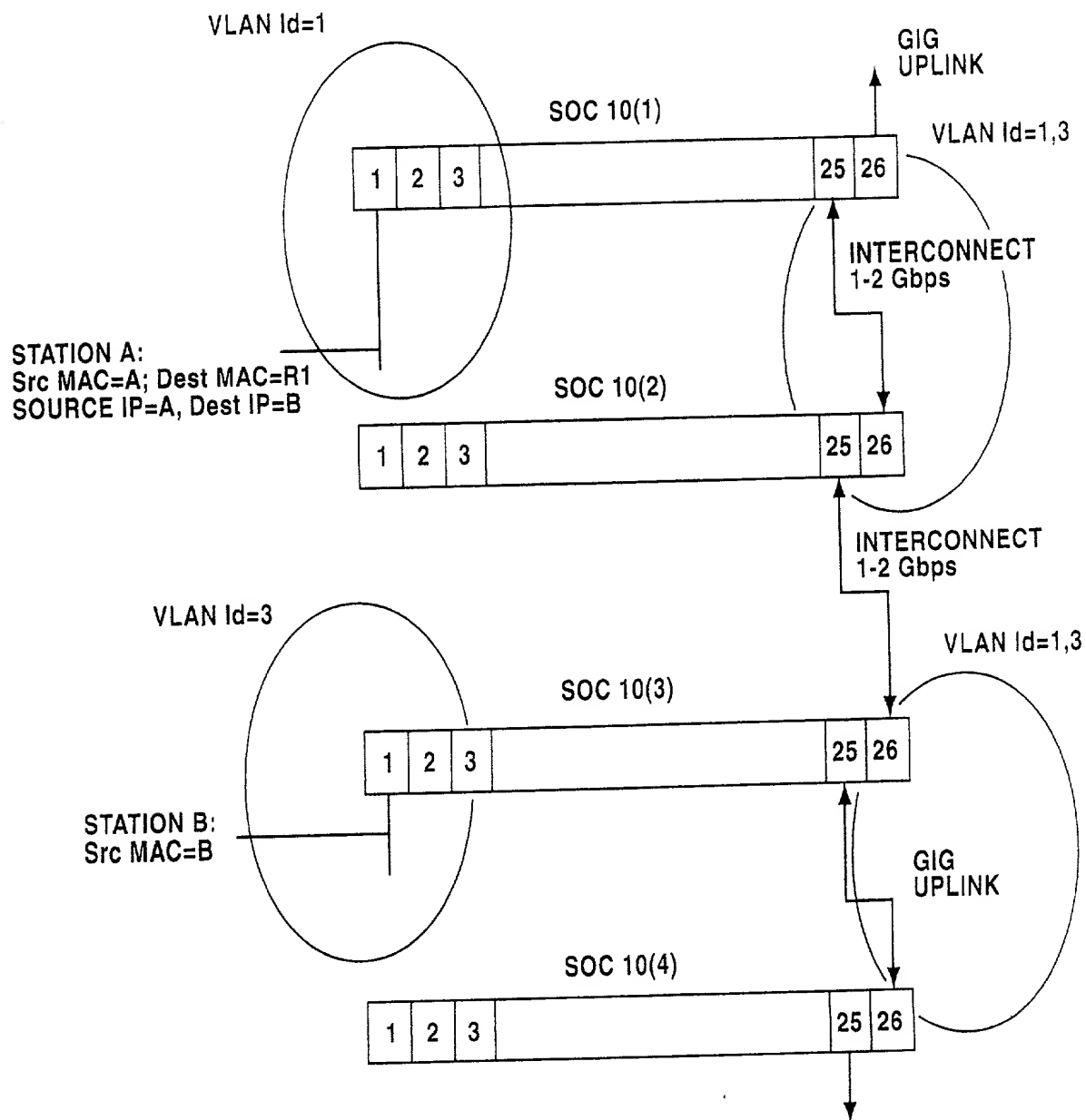
Fig.34C

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
1	B	1	1	2	2

Fig.34D

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1

Fig.35



TOP SECRET 6624650

[illegible]

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	1	2	3	4	X	X	X	X	4

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	26	26	26	26	X	X	X	X	4

Fig.37

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	1	2	X	X	X	X	X	X	2
2	25	25	25	3	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	25	1	2	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	1	26	26	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	26	26	26	26	X	X	X	X	4

094399-083494

T0FE80-B22E4660

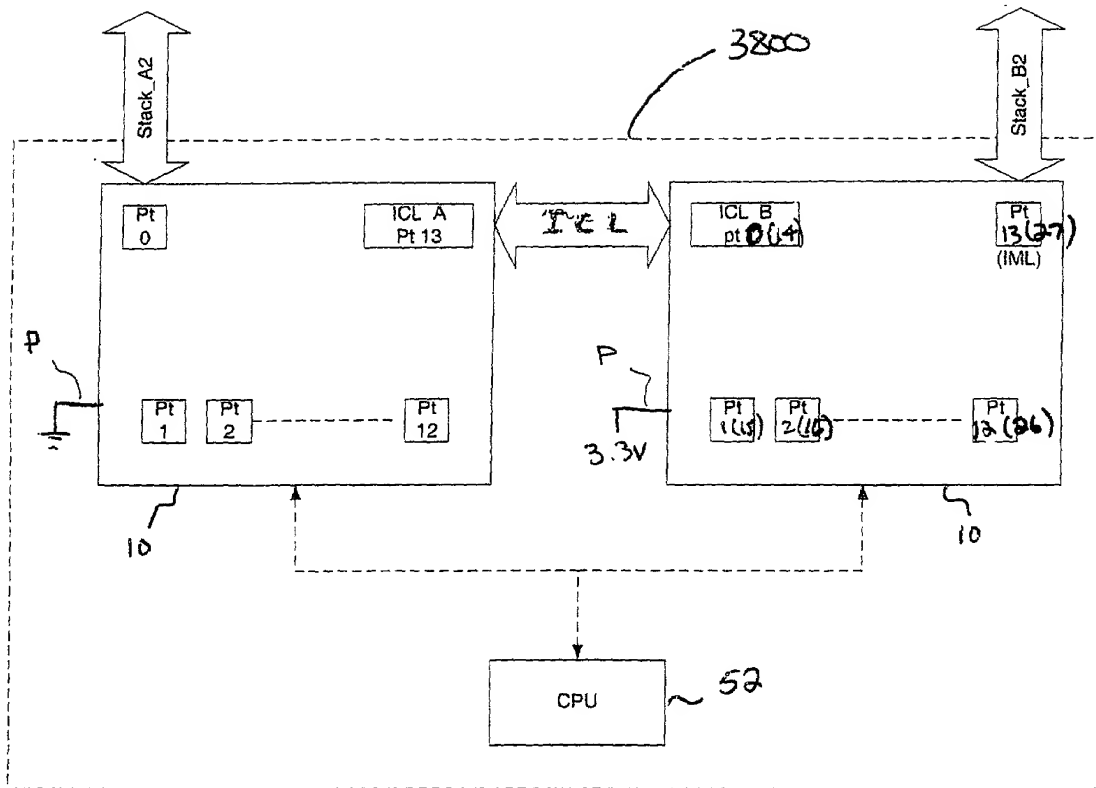
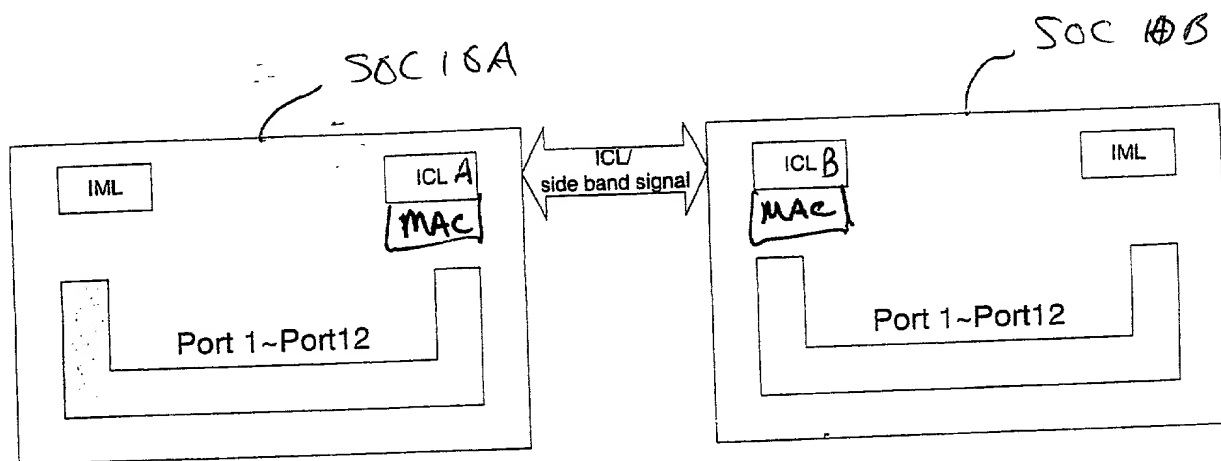


Figure 38

Source

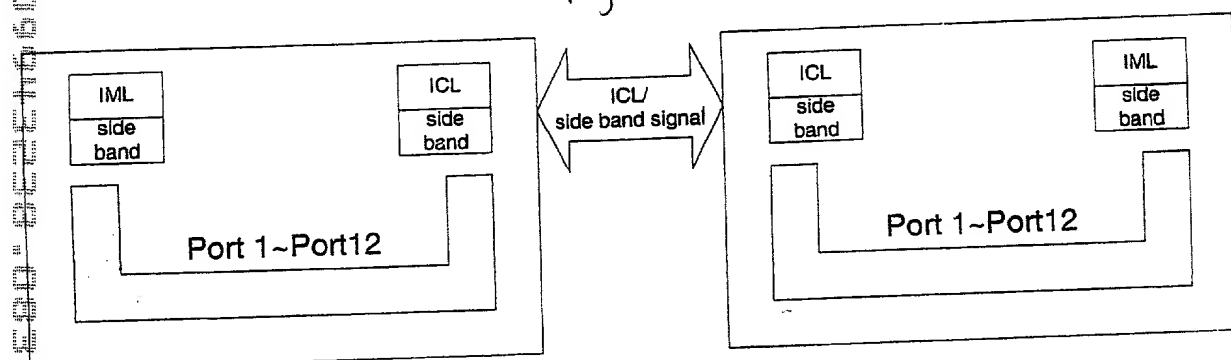
30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
Opcode			Dest Port			Src Port			Data Len			E	Eco de	Cos	C
S			R			T			Port Bitmap						
DATA															

Figure 39



using MAC control frame scheme

figure 40



using side band signal

figure 41

00000000-00000000

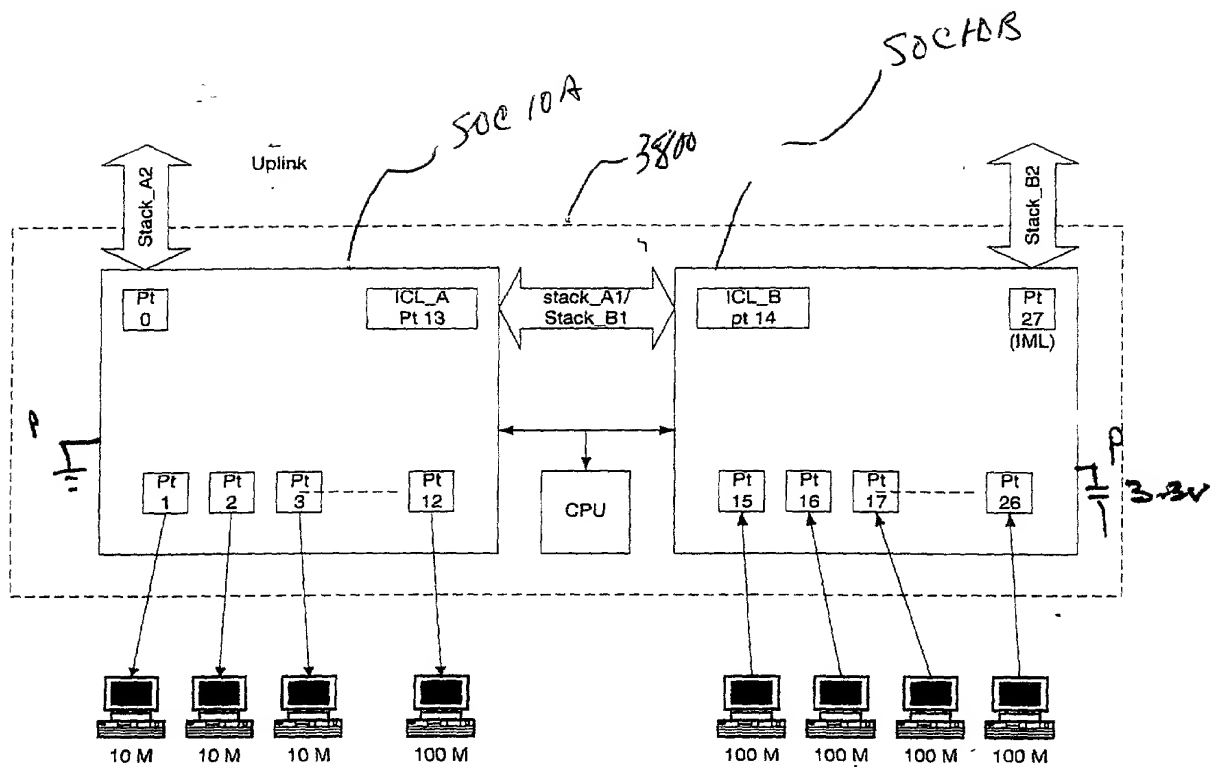


Figure 4a

Rx budget
for back pressure

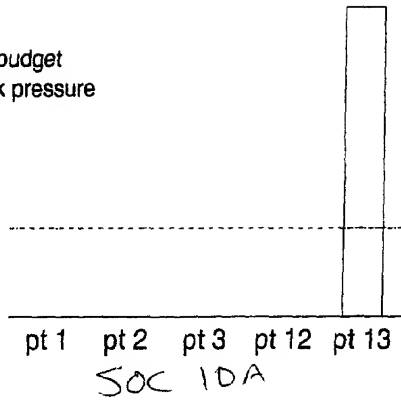


Fig 43A

Rx budget
for back pressure

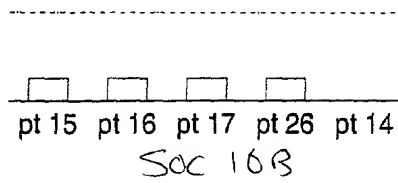


Fig 43B

cell count/pkt count
for COS/HOL

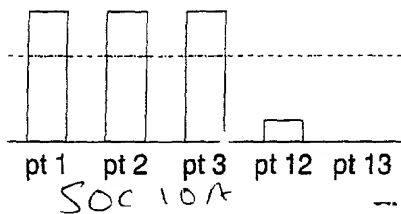


Fig 43C

cell count/pkt count
for COS/HOL

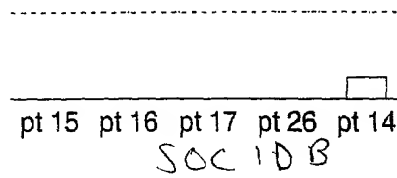
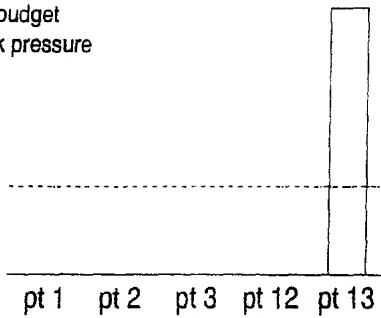


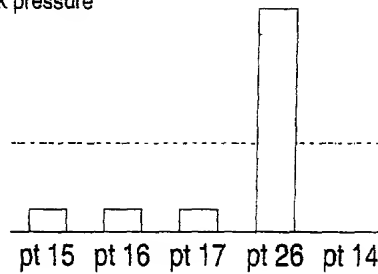
Fig 43D

Rx budget
for back pressure



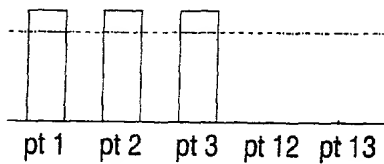
SOC 10A
Figure 44a

Rx budget
for back pressure



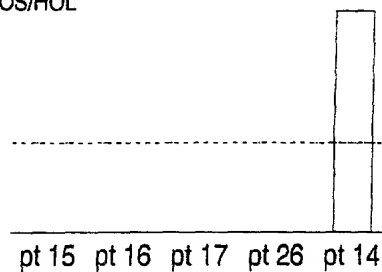
SOC 10B
Figure 44b

cell count/pkt count
for COS/HOL



SOC 10A
Figure 44c

cell count/pkt count
for COS/HOL



SOC 10B
Figure 44d

TOTAL RECEIVED

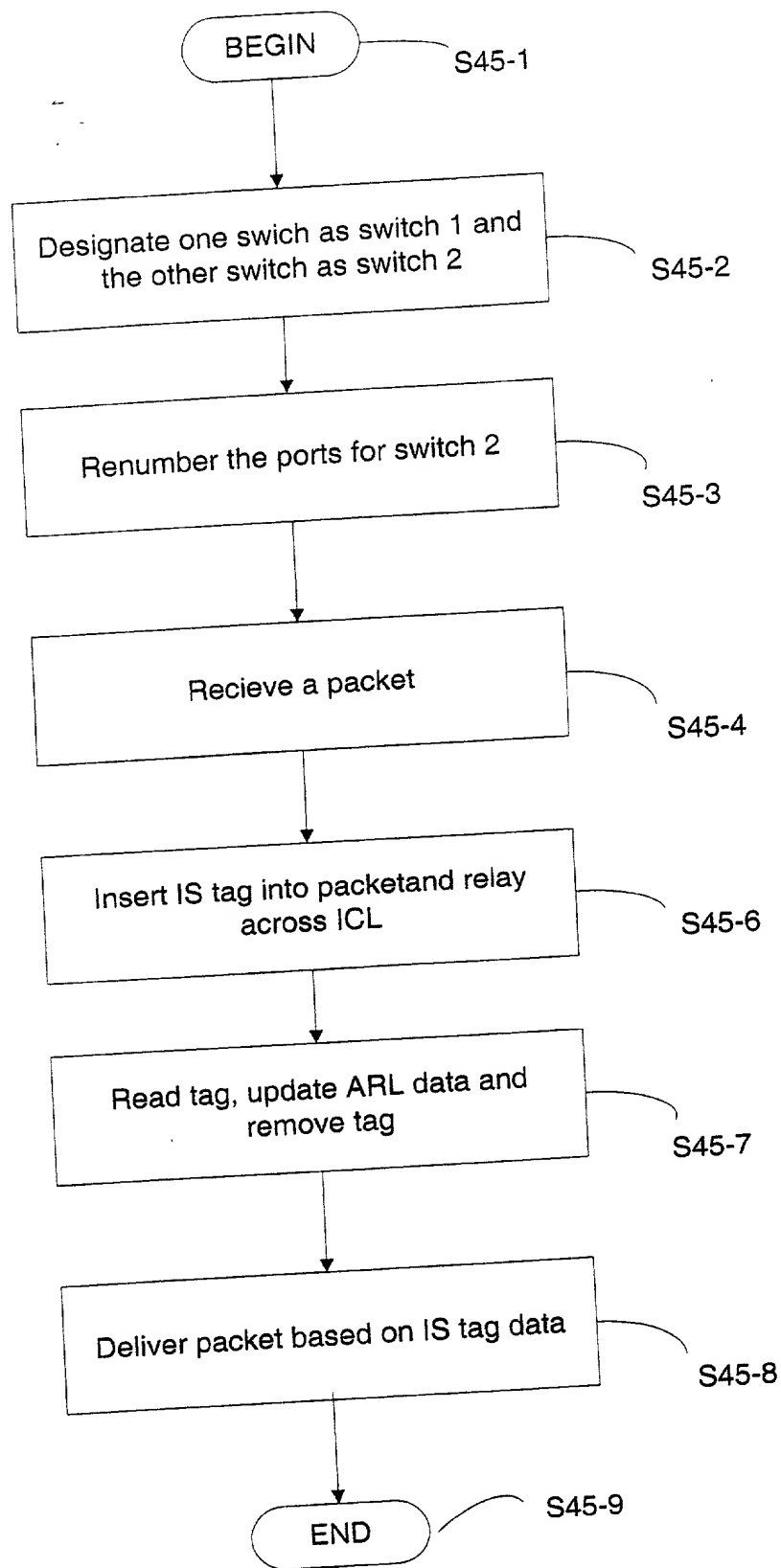


FIG. 45

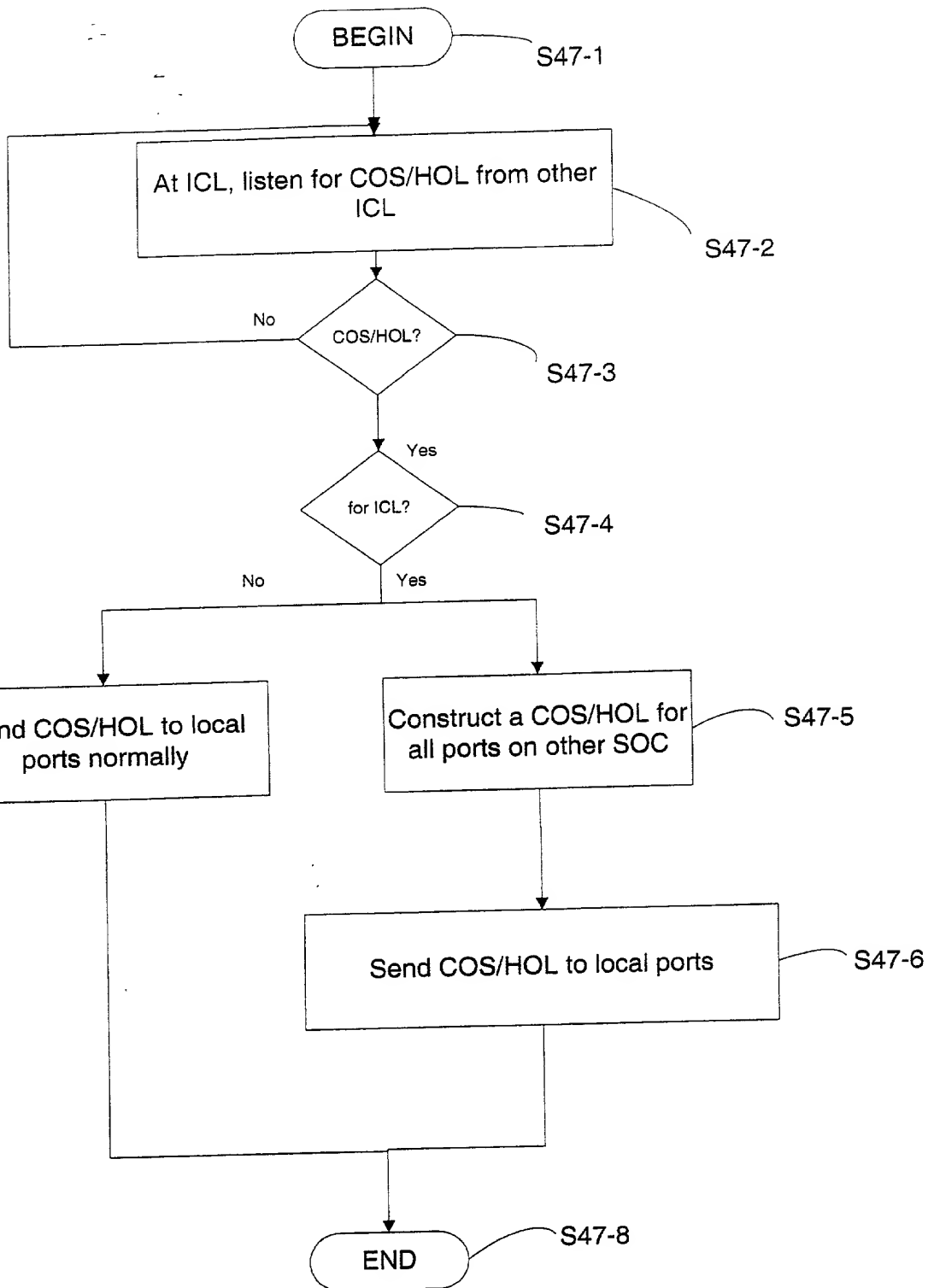


FIG. 47